

CANADIAN FOREST SERVICE

Publications Digest

SERVICE CANADIEN DES FORÊTS

Abrégé des publications



Natural Resources
Canada

Ressources naturelles
Canada

Canada

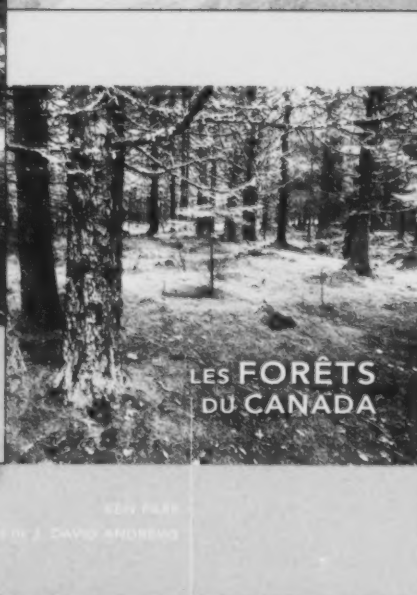
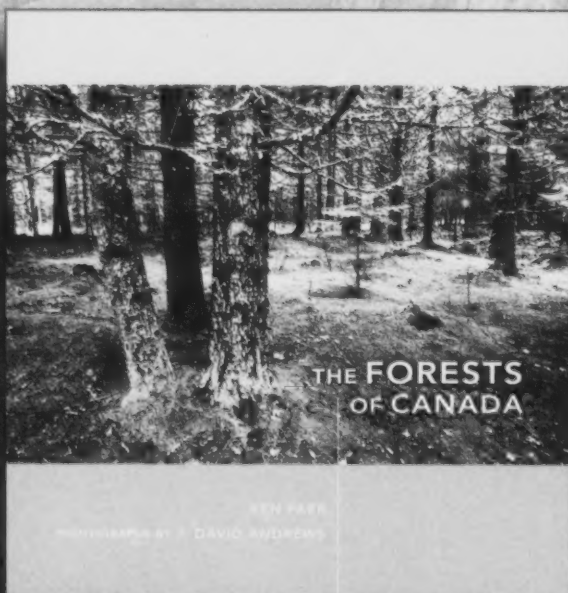
THE FORESTS OF CANADA

LES FORÊTS DU CANADA

Outstanding color photography and well-researched text
tell the story of Canada's diverse forests.

.....

Des photos couleurs remarquables et un texte bien documenté
racontent la diversité des forêts du Canada.



See page 34 for more details. **Quick view:** <http://www.nrcan.gc.ca/cfs/forests-of-canada>
Détails supplémentaires à la page 34. **Coup d'œil :** <http://www.nrcan.gc.ca/scf/forets-du-canada>

The Publications Digest lists publications from the research establishments and headquarters of the Canadian Forest Service (CFS), Natural Resources Canada (NRCan).

Most of these publications are distributed free and can be obtained by contacting the relevant CFS research establishment. The source of each publication is usually indicated by a circled number referring to an address listed on the last page. Publications can be ordered from the CFS Online Bookstore or by mail, fax, phone, and e-mail (see last page for detailed information). Priced publications are listed on pages 29–34.

In some cases, an abstract or short description and/or a pdf format file of the publication is available from the CFS Online Bookstore (<http://bookstore.cfs.nrcan.ca>).

The language of each report is indicated by the language of the title. Reference to the availability of the report in the other official language can be found at the end of the bibliographic entry.

This issue includes all publications issued in 2006 and those not previously mentioned in *The Publications Digest*.

L'Abrégé des publications cite les publications des établissements de recherche et de l'administration centrale du Service canadien des forêts (SCF) de Ressources naturelles Canada (RNCAN).

La plupart des publications sont distribuées gratuitement et peuvent être obtenues auprès de l'établissement du SCF qui les a publiées. Un chiffre encadré indique habituellement cette source et renvoie le lecteur à la liste d'adresses qui se trouve à la dernière page. Les publications peuvent être commandées via la Librairie en ligne du SCF, ou par la poste, par fax, par téléphone, ou par courrier électronique (voir la dernière page pour plus d'information). Les publications tarifées sont énumérées aux pages 29 à 34.

Dans certains cas, un résumé ou une courte description et/ou un fichier en format pdf de la publication est disponible dans la Librairie en ligne (<http://librairie.scf.nrcan.gc.ca>).

La langue des rapports est indiquée par la langue du titre. Si la publication est disponible dans l'autre langue officielle, un renvoi au titre approprié est donné à la fin de l'entrée bibliographique.

Ce numéro comprend toutes les publications distribuées en 2006 et les précédentes qui n'ont pas été mentionnées dans *L'Abrégé*.

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<http://librairie.scf.nrcan.gc.ca>

Table of Contents

Table des matières

General Information	4	Information générale
Climatic Change and Atmospheric Influences	6	Changements climatiques et influences atmosphériques
Forest Diseases	7	Maladies forestières
Forest Ecology and Site Classification	8	Écologie forestière et classification des sites
Forest Fires	10	Incendies de forêt
Forest Insects	12	Insectes forestiers
Genetics, Tree Improvement, and Biodiversity	18	Génétique, amélioration des arbres et biodiversité
Growth and Yield, Inventory, and Monitoring	20	Accroissement, inventaire et biosurveillance
Impacts of Forestry Practices	22	Incidences des pratiques forestières
Silviculture	23	Sylviculture
Socioeconomics and Statistics	24	Socio-économie et statistique
Sustainable Forest Management	25	Aménagement durable des forêts
Tree Diseases	27	Maladies des arbres
Miscellaneous	28	Divers
Priced Publications	29	Publications tarifées
Web Sites	35	Sites Web
Establishment Addresses	36	Adresses des établissements

General Information

Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides. 2006. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec), N° 9, 2 p. [English: see *In Brief...* No. 9.] ②

Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides. 2006. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec), N° 10, 2 p. [English: see *In Brief...* No. 10.] ②

Bulletin-é du Centre de foresterie des Grands Lacs. [En ligne seulement]. Printemps 2006. RNCAN, SCF, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario), N° 2. [http://www.glf.c.forestry.ca/ebulletin/vol1_issue2/public_f.html] [English: see *Great Lakes...* Spring 2006.]

Bulletin-é du Centre de foresterie des Grands Lacs. [En ligne seulement]. Automne 2006. RNCAN, SCF, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario), N° 3. [http://www.glf.c.forestry.ca/ebulletin/vol1_issue3/index_f.html] [English: see *Great Lakes...* Autumn 2006.]

The Candian Forest Service: a healthy forest, a strong forest sector. 2006. NRCAN, CFS, HQ, Ottawa. 10 p. [Français : voir *Le Service canadien...*] ⑤

e-Nouvelles du Programme forestier des Premières nations. [En ligne seulement]. Janvier 2006. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 2 p. [http://fnfp.gc.ca/francais/publications/enews/06_e-news_january.pdf] [English: see *First Nations...e-news*, January 2006.]

e-Nouvelles du Programme forestier des Premières nations. [En ligne seulement]. Février–Mars 2006. RNCAN, SCF Administration centrale, Direction générale des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 2 p. [http://fnfp.gc.ca/francais/publications/enews/06_e-news_feb_march.pdf] [English: see *First Nations...e-news*, February–March 2006.]

e-Nouvelles du Programme forestier des Premières nations. [En ligne seulement]. Juin–Juillet 2006. RNCAN, SCF Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 3 p. [http://fnfp.gc.ca/francais/publications/enews/06_e-news_june_july.pdf] [English: see *First Nations...e-news*, June–July 2006.]

e-Nouvelles du Programme forestier des Premières nations. [En ligne seulement]. Octobre 2006. RNCAN, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 2 p. [<http://fnfp.gc.ca/>]

Information générale

[francais/publications/enews/06_e-news_sept_oct.pdf](#)] [English: see *First Nations...e-news*, October 2006.]

e-Nouvelles du Programme forestier des Premières nations. [En ligne seulement]. Décembre 2006. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 2 p. [http://fnfp.gc.ca/francais/publications/enews/06_e-news_nov_dec.pdf] [English: see *First Nations...e-news*, December 2006.]

Environmental Science Advisory Committee 2004 Annual Report. Department of National Defence, CFB Esquimalt. 2005. NRCAN, CFS, Pacific Forestry Centre/Department of National Defence, Victoria, B.C. 62 p. ⑤

L'État des forêts au Canada 2005–2006 : La compétitivité de l'industrie forestière. 2006. RNCAN, SCF, Administration centrale, Direction de la planification, des opérations et de l'information, Ottawa. 79 p. [English: see *The State of Canada's Forests...*] ⑤

First Nations Forestry Program British Columbia 2003–2008. Guidelines and application 2007–2008. 2006. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. 14 p. ⑤

First Nations Forestry Program e-news. [Online only]. January 2006. NRCAN, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 2 p. [http://fnfp.gc.ca/english/publications/enews/06_e-news_january.pdf] [Français : voir *e-Nouvelles...* Janvier 2006.]

First Nations Forestry Program e-news. [Online only]. February–March 2006. NRCAN, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 2 p. [http://fnfp.gc.ca/english/publications/enews/06_e-news_feb_march.pdf] [Français : voir *e-Nouvelles...* Février–Mars 2006.]

First Nations Forestry Program e-news. [Online only]. June–July 2006. NRCAN, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 3 p. [http://fnfp.gc.ca/english/publications/enews/06_e-news_june_july.pdf] [Français : voir *e-Nouvelles...* Juin–Juillet 2006.]

First Nations Forestry Program e-news. [Online only]. October 2006. NRCAN, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 2 p. [http://fnfp.gc.ca/english/publications/enews/06_e-news_sept_oct.pdf] [Français : voir *e-Nouvelles...* Octobre 2006.]

First Nations Forestry Program e-news. [Online only]. December 2006. NRCAN, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 2 p.

[http://fnfp.gc.ca/english/publications/enews/06_e-news_nov_dec.pdf] [Français : voir *e-Nouvelles*...Décembre 2006.]

Forest Health and Biodiversity News. Spring 2006. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. Vol. 10, No. 1, 6 p. [Français : voir *Santé et biodiversité*...] ①

Great Lakes Forestry Centre e-Bulletin. [Online only]. Spring 2006. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Issue 2. [http://www.glfc.forestry.ca/ebulletin/vol1_issue2/index_e.html] [Français : voir *Bulletin-e du Centre de foresterie* (...)] Printemps 2006.]

Great Lakes Forestry Centre e-Bulletin. [Online only]. Autumn 2006. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Issue 3. [http://www.glfc.forestry.ca/ebulletin/vol1_issue3/index_e.html] [Français : voir *Bulletin-e du Centre de foresterie* (...)] Automne 2006.]

In Brief from the Canadian Forest Service, Laurentian Forestry Centre. 2006. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. No. 9, 2 p. [Français : voir *Les Brèves*...N° 9.] ②

In Brief from the Canadian Forest Service, Laurentian Forestry Centre. 2006. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. No. 10, 2 p. [Français : voir *Les Brèves*...N° 10.] ②

Info-Forêts. Avril 2006. Keiran, M., éditeur. NRCan, SCE Centre de foresterie du Pacifique, Victoria, (Colombie-Britannique). Bulletin. 12 p. [English: see *Information Forestry*...April 2006.] ⑤

Info-Forêts. Août 2006. Keiran, M., éditeur. NRCan, SCE Centre de foresterie du Pacifique, Victoria, (Colombie-Britannique). Bulletin. 12 p. [English: see *Information Forestry*...August 2006.] ⑤

Info-Forêts. Décembre 2005. Keiran, M., éditeur. NRCan, SCE Centre de foresterie du Pacifique, Victoria, (Colombie-Britannique). Bulletin. 12 p. [English: see *Information Forestry*...December 2006.] ⑤

Information Forestry. April 2006. Keiran, M., editor. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Newsletter. 12 p. [Français : voir *Info-Forêts*. Avril 2006.] ⑤

Information Forestry. August 2006. Keiran, M., editor. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Newsletter. 12 p. [Français : voir *Info-Forêts*. Août 2006.] ⑤

Information Forestry. December 2006. Keiran, M., editor. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Newsletter. 12 p. [Français : voir *Info-Forêts*. Décembre 2006.] ⑤

Point de vue. 2006. Burt, B. NRCan, SCE Administration centrale, Ottawa. Bulletin national du Service canadien des forêts. Printemps/Été 2006, Numéro 4, 10 p. [English: see *View Point*.] ⑥

Publications récentes. Automne 2006. Simpson, C.M., compilatrice. NRCan, SCE Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). [English: see *Recent Publications*. Autumn 2006.] ①

Publications récentes. Été 2006. Simpson, C.M., compilatrice. NRCan, SCE Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). [English: see *Recent Publications*. Summer 2006.] ①

Publications récentes. Hiver 2006. Simpson, C.M., compilatrice. NRCan, SCE Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). [English: see *Recent Publications*. Winter 2006.] ①

Publications récentes. Printemps 2006. Simpson, C.M., compilatrice. NRCan, SCE Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). [English: see *Recent Publications*. Spring 2006.] ①

Recent Publications. Autumn 2006. Simpson, C.M., compiler. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. [Français : voir *Publications récentes*. Automne 2006.] ①

Recent Publications. Spring 2006. Simpson, C.M., compiler. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. [Français : voir *Publications récentes*. Printemps 2006.] ①

Recent Publications. Summer 2006. Simpson, C.M., compiler. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. [Français : voir *Publications récentes*. Été 2006.] ①

Recent Publications. Winter 2006. Simpson, C.M., compiler. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. [Français : voir *Publications récentes*. Hiver 2006.] ①

Santé et biodiversité des forêts Nouvelles. Printemps 2006. NRCan, SCE Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). Vol. 10, n° 1. 6 p. [English: see *Forest Health*...] ①

Le Service Canadien des forêts : une forêt en santé, un secteur forestier dynamique. 2006. NRCan, SCE Administration centrale, Ottawa, 10 p. [English: see *The Canadian Forest Service: a healthy forest*...] ⑥

The State of Canada's Forests 2005–2006. Forest industry competitiveness. 2006. NRCan, CFS, HQ, Planning, Operations and Information Branch, Ottawa. 79 p. [Français : voir *L'État des forêts*...] ⑥

Viewpoint. 2006. Burt, B. NRCan, CFS, HQ, Ottawa. National Newsletter of the CFS, Spring/Summer 2006, Issue 4. 10 p. [Français : voir *Point de vue*.] ⑥

Journal Articles and Other Contributions /
Articles de revues scientifiques et autres collaborations

NRCan, CFS. 2006. Aboriginal Forestry News [various articles].
For. Chron. 82(2):151–154. ⑥

Swift, D.E.; Kilpatrick, B.; Murray, T.; Toole, D.; Henderson, J.;
Pitt, C. 2006. Acadia Research Forest: a brief introduction to

Climate Change and Atmospheric Influences

Journal Articles and Other Contributions /
Articles de revues scientifiques et autres collaborations

Alteyrac, J.; Cloutier, A.; Ung, C.H.; Zhang, S.Y. 2006. Mechanical properties in relation to selected wood characteristics of black spruce. *Wood Fiber Sci.* 38:229–237. ②

Amiro, B.D.; Orchansky, A.L.; Barr, A.G.; Black, T.A.; Chambers, S.D.; Chapin III, F.S.; Goulden, M.L.; Litvak, M.; Liu, H.P.; McCaughey, J.H.; McMillan, A.; Randerson, J.T. 2006. The effect of post-fire stand age on the boreal forest energy balance. *Agric. For. Meteorol.* 140:41–50. ④

Amiro, B.D.; Orchansky, A.L.; Sass, A.P. 2006. A perspective on carbon dioxide flux measurements using an open-path infrared gas analyzer in cold environments. Vol. P4.7, pages 1–5 in *Proceedings of the American Meteorological Society's 27th Conference on Agricultural and Forest Meteorology*; 22–25 May 2006, San Diego, Calif. American Meteorological Society, Boston, Mass. ④

Apps, M.J.; Bernier, P.Y.; Bhatti, J.S. 2006. Forests in the global carbon cycle: implications of climate change. Section 9, pages 175–200 in J.S. Bhatti, R. Lal, M.J. Apps, and M.A. Price, editors. *Climate change and managed ecosystems*. CRC Press, Taylor & Francis, Boca Raton, Fla. ④

Bauer, I.E.; Apps, M.J.; Bhatti, J.S.; Lal, R. 2006. Climate change and terrestrial ecosystem management: knowledge gaps and research needs. Section 21, pages 411–427 in J.S. Bhatti, R. Lal, M.J. Apps, and M.A. Price, editors. *Climate change and managed ecosystems*. CRC Press, Taylor & Francis, Boca Raton, Fla. ④

Bernier, P.Y.; Bartlett, P.; Black, T.A.; Barr, A.; Kljun, N.; McCaughey, J.H. 2006. Drought constraints on transpiration and canopy conductance in mature aspen and jack pine stands. *Agric. For. Meteorol.* 140:64–78. ②

Bhatti, J.S.; Apps, M.J.; Lal, R. 2006. Anthropogenic changes and the global carbon cycle. Section 4, pages 69–92 in J.S.

a living laboratory. Pages 104–118 in L.C. Irland, A.E. Camp, J.C. Brissette, and Z.R. Donohew, editors. *Long-term silvicultural and ecological studies: results for science and management*. Yale University, School of Forestry and Environmental Studies, Global Institute of Sustainable Forestry, New Haven, Conn. GIST Res. Pap. 005. 245 p. ①

Changements climatiques et influences atmosphériques

Bhatti, R. Lal, M.J. Apps, and M.A. Price, editors. *Climate change and managed ecosystems*. CRC Press, Taylor & Francis, Boca Raton, Fla. ④

Bhatti, J.S.; Apps, M.J.; Lal, R. 2006. Interaction between climate change and greenhouse gas emissions from managed ecosystems in Canada. Section 1, pages 1–16 in J.S. Bhatti, R. Lal, M.J. Apps, and M.A. Price, editors. *Climate change and managed ecosystems*. CRC Press, Taylor & Francis, Boca Raton, Fla. ④

Bigras, F.J.; Bertrand, A. 2006. Responses of *Picea mariana* to elevated CO₂ concentration during growth, cold hardening and dehardening: phenology, cold tolerance, photosynthesis and growth. *Tree Physiol.* 26:875–888. ②

Bigras, F.J.; Dumais, D. 2005. Root-freezing damage in the containerized nursery: impact on plantation sites—a review. *New For.* 30:167–184. ②

Bootsma, A.; Gameda, S.; McKenney, D.W. 2005. Potential impacts of climate change on corn, soybeans and barley yields in Atlantic Canada. *Can. J. Soil Sci.* 85:345–357. ③

Coursolle, C.; Margolis, H.A.; Barr, A.G.; Black, T.A.; Amiro, B.D.; McCaughey, J.H.; Flanagan, L.B.; Lafleur, P.M.; Roulet, N.T.; Bourque, C.P.-A.; Arain, M.A.; Wofsy, S.C.; Dunn, A.; Morgenstern, K.; Orchansky, A.L.; Bernier, P.Y.; Chen, J.M.; Kidston, J.; Saigusa, N.; Hedstrom, N. 2006. Late-summer carbon fluxes from Canadian forests and peatlands along an east–west continental transect. *Can. J. For. Res.* 36:783–800. ②

Flannigan, M.D.; Amiro, B.D.; Logan, K.A.; Stocks, B.J.; Wotton, B.M. 2006. Forest fires and climate change in the 21st century. *Mitigation and Adaptation Strategies for Global Change* 11(4):847–859. ③

Hall, R.J.; Raulier, F.; Price, D.T.; Arseneault, E.; Bernier, P.Y.; Case, B.S.; Guo, X. 2006. Integrating remote sensing and climate data with process-based models to map forest productivity within west-central Alberta's boreal forest: EcoLeap-West. *For. Chron.* 82:159–176. ②

Hébert, E.; Boucher, J.E.; Bernier, P.Y.; Lord, D. 2006. Growth response and water relations of 3-year-old planted black spruce and jack pine seedlings in site prepared lichen woodlands. *For. Ecol. Manag.* 223:226–236. ②

Karnosky, D.F.; Darbush, J.N.; Sober, A.; Riikonen, J.; Kets, K.; Nelson, N.; Kubiske, M.; Percy, K.E. 2006. Ozone effects on growth and productivity of *Populus tremuloides* Michx.: a comparison of results from OTC, FACE, and ozone gradient studies with a common set of genetic materials. Pages 325–329 in G. Wieser and M. Tausz, editors. Critical levels of ozone: further applying and developing the flux-based concept. Proceedings of a United Nations–Economic Commission for Europe Workshop; 15–19 Nov. 2005, Obergurgl, Tyrol, Austria. Federal Research and Training Centre for Forests, Natural Hazards and Landscape, Vienna, Austria. ①

Kurz, W.A.; Apps, M.J. 2006. Developing Canada's national forest carbon monitoring, accounting and reporting system to meet the reporting requirements of the Kyoto protocol. *Mitigation and Adaptation Strategies for Global Change* 11:33–43. ⑤

Larocque, G.R.; Bhatti, J.S.; Gordon, A.M.; Luckai, N.; Wattenbach, M.; Liu, J.; Peng, C.; Arp, P.A.; Liu, S.; Zhang, C.-F.; Komarov, A.; Grabarnik, P.; Sun, J.; White, T. 2006. Uncertainty and sensitivity issues in process-based models of carbon and nitrogen cycles in terrestrial ecosystems. In A. Voinov, A.J. Jakeman, A.E. Rizzoli, editors. Summit on environmental modelling and software. Proceedings of the iEMSs 3rd Biennial Meeting, Burlington, Vt., 9–13 July 2006. International Environmental Modelling and Software Society, Manno, Switzerland. [CD-ROM]. <http://www.iemss.org/iemss2006/sessions/all.html>. ②

Lavigne, M.B.; Foster, R.J.; Goodine, G.; Bernier, P.Y.; Ung, C.H. 2005. Erratum: alternative method for estimating above-ground net primary productivity applied to balsam fir stands in eastern Canada. *Can. J. For. Res.* 35:3027–3028. ②

McKenney, J.W.; Pedlar, J.H.; Papadopol, P.; Hutchinson, M.F. 2006. The development of 1901–2000 historical monthly climate

models for Canada and the United States. *Agric. For. Meteorol.* 138:69–81. ③

Percy, K.; Nosal, M.; Heilman, W.; Dann, T.; Sober, J.; Karnosky, D. 2006. The North American ozone air quality standard: efficacy and performance with two northern hardwood forest tree species. Pages 85–90 in G. Wieser and M. Tausz, editors. Critical levels of ozone: further applying and developing the flux-based concept. Proceedings of a United Nations–Economic Commission for Europe Workshop; 15–19 Nov. 2005, Obergurgl, Tyrol, Austria. Federal Research and Training Centre for Forests, Natural Hazards and Landscape, Vienna, Austria. ①

Percy, K.E.; Nosal, M.; Heilman, W.; Dann, T.; Sober, J.; Legge, A.H.; Karnosky, D.F. 2006. New exposure-based metric approach for evaluating O₃ risk to North American aspen forests. *Environ. Pollut.* (In Press); doi:10.1016/j.envpol.2006.10.009

Preston, C.M.; Bhatti, J.S.; Flanagan, L.B.; Norris, C. 2006. Stocks, chemistry, and sensitivity to climate change of dead organic matter along the Canadian Boreal Forest Transect Case Study. *Climatic Change* 74(2):223–251. ④ ⑤

Stone, J.M.; Bhatti, J.S.; Lal, R. 2006. Impacts of climate change on agriculture, forest, and wetland ecosystems: synthesis and summary. Section 20, pages 397–410 in J.S. Bhatti, R. Lal, M.J. Apps, and M.A. Price, editors. Climate change and managed ecosystems. CRC Press, Taylor & Francis, Boca Raton, Fla. ④

Wang, A.; Price, D.T.; Arora, V. 2006. Estimating changes in global vegetation cover (1850–2100) for use in climate models. *Global Biogeochem. Cycles* 20:GB3028,1–15; doi:10.1029/2005GB002514. ④

Williamson, T.B.; Hirsch, K.G.; Frenkel, B. 2006. Adapting to climate change: issues and challenges for BC's forest-based communities. *B.C. Forest Professional Magazine* 13(5):20–21. Association of BC Forest Professionals, Vancouver, B.C. ④

Forest Diseases

Journal Articles and Other Contributions /
Articles de revues scientifiques et autres collaborations

Askew, S.E.; Shamoun, S.F.; van der Kamp, B.J. 2006. Development of a biological control strategy to mitigate hemlock dwarf mistletoe in retention silviculture systems: *Colletotrichum gloeosporioides*–western hemlock dwarf mistletoe pathosystem. *B.C. J. Ecosyst. Manag.* 7(1):23–29. ⑤

Cruickshank, M.G.; Lejour, D.; Morrison, D.J. 2006. Traumatic resin canals as markers of infection events in Douglas-fir roots

Maladies forestières

infected with *Armillaria* root disease. *For. Pathol.* 36(5): 372–384. ⑤

Kope, H.H.; Alfaro, R.I.; Lavallée, R. 2006. Virulence of the entomopathogenic fungus *Lecanicillium* (Deuteromycota: Hyphomycetes) to *Pissodes strobi* (Coleoptera: Curculionidae). *Can. Entomol.* 138(2):253–262. ⑤

Liu, J.-J.; Ekramoddoullah, A.K.M.; Hunt, R.S.; Zamani, A. 2006. Identification and characterization of random amplified polymorphic DNA markers linked to a major gene (*Cr2*) for

resistance to *Cronartium ribicola* in *Pinus monticola*. *Phytopathology* 96(4):395–399. ⑤

Reitman, L.M.; Shamoun, S.F.; van der Kamp, B.J. 2006. Development of a biological control strategy to mitigate hemlock dwarf mistletoe in silviculture systems: *Neonectria neomacropontae*—hemlock dwarf mistletoe pathosystem. *B.C. J. Ecosyst. Manag.* 7(1):30–35. ⑤

Winder, R.S.; Shamoun, S.F. 2006. Forest pathogens: friend or foe to biodiversity? *Can. J. Plant Pathol.* 18:S221–S227. ⑤

Zhao, S.; Shamoun, S.F. 2005. First report of powdery mildew of *Mabonia aquifolium* (Pursh.) Nutt. caused by *Erysiphe (Microspheeta) berberidis* (DC.) Lév in Canada. *Plant Health Prog.* [Online journal]. [http://www.plantmanagementnetwork.org/php/elements/sum.asp?id=4858&photo=2449] ⑤

Zhao, S.; Shamoun, S.F. 2006. The effects of culture media, solid substrates, and relative humidity on growth, sporulation and conidial discharge of *Valdensinia heterodoxa*. *Mycol. Res.* 110(11):1340–1346. ⑤

Zhao, S.; Shamoun, S.F. 2006. Effects of culture media, temperature, pH, and light on growth, sporulation, germination, and bioherbicidal efficacy of *Phoma exigua*, a potential biological control agent for salal (*Gaultheria shallon*). *Biocontrol Sci. Technol.* 16(10):1043–1055. ⑤

Zhao, S.; Shamoun, S.F. 2006. First report of powdery mildew on *Gaultheria shallon* in Canada. *Can. J. Plant Pathol.* 28:313–316. ⑤

Forest Ecology and Site Classification

Early growth response in trees following peatland drainage. 2006. Hillman, G.R.; Roberts, J.J. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta. Inf. Rep. NOR-X-408. 26 p. ④

Forests and forest soils—a source of freshwater. 2006. Hazlett, P. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Frontline Express Note 33. 2 p. [Français : voir *Les forêts et les sols forestiers...*] ③

Forest soils: a tool for carbon accounting. 2005. Larocque, G.R.; Paré, D. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 23. 2 p. [Français : voir *Sols forestiers...*] ②

Les forêts et les sols forestiers : une source d'eau douce. 2006. Hazlett, P. NRCan, SFC, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). Nouvelles Express 33. 2 p. [English: see *Forests and forest soils...*] ③

L'importance des métadonnées en recherche forestière : l'exemple de la Forêt expérimentale du Lac Édouard. 2006. Delisle, C.; Archambault, L. NRCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). Note de recherche n° 12. 4 p. [English: see *Importance of metadata...*] ②

Importance of metadata in forest research: example of the Lac Édouard Experimental Forest. 2006. Delisle, C.; Archambault, L. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Res. Note No. 12. 4 p. [Français : voir *L'importance des métadonnées...*] ②

Écologie forestière et classification des sites

Sols forestiers : un outil pour comptabiliser le carbone. 2005. Larocque, G.R.; Paré, D. NRCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts N° 23. 2 p. [English: see *Forest soils...*] ②

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Archambault, L.; Delisle, C.; Larocque, G.R.; Sirois, L.; Belleau, P. 2006. Fifty years of forest dynamics following diameter-limit cuttings in balsam fir–yellow birch stands of the Lower St. Lawrence region, Quebec. *Can. J. For. Res.* 36:2745–2755. ②

Balland, V.; Bhatti, J.S.; Errington, R.C.; Castonguay, M.; Arp, P.A. 2006. Modeling snowpack and soil temperatures and moisture conditions in a jack pine, black spruce and aspen forest stand in central Saskatchewan (BOREAS SSA). *Can. J. Soil Sci.* 86(2):203–217. Special Issue. ④

Bauer, I.E.; Bhatti, J.S.; Cash, K.J.; Tarnocai, C.; Robinson, S.D. 2006. Developing statistical models to estimate the carbon density of organic soils. *Can. J. Soil Sci.* 86(2):295–304. Special Issue. ④

Bayley, S.E.; Thormann, M.N.; Szumigalski, A.R. 2005. Nitrogen mineralization and decomposition in western boreal bog and fen peat. *Ecoscience* 12(4):455–465. ④

Bhatti, J.S.; Errington, R.C.; Bauer, I.E.; Hurdle, P.A. 2006. Carbon stock trends along forested peatland margins in central Saskatchewan. *Can. J. Soil Sci.* 86(2):321–333. Special Issue. ④

- Bhatti, J.S.; Preston, C.M., guest editors. 2006. Carbon dynamics in forest and peatland ecosystems (Preface). *Can. J. Soil Sci.* 86(2):155–158. Special Issue. ④
- Cline, R.G.; Ragus, J.; Hogan, G.D.; Maynard, D.G.; Foster, N.W.; Terry, T.A.; Heninger, R.L.; Campbell, R.G.; Carter, M.C. 2006. Policies and practices to sustain soil productivity: perspectives from the public and private sectors. *Can. J. For. Res.* 36:615–625. ③
- Dubois, J.; Ruel, J.C.; Elie, J.G.; Archambault, L. 2006. Dynamique et estimation du rendement des strates de retour après coupe totale dans la sapinière à bouleau jaune. *For. Chron.* 82:675–689. ②
- Drever, C.R.; Peterson, G.; Messier, C.; Bergeron, Y.; Flannigan, M. 2006. Can forest management based on natural disturbances maintain ecological resilience? *Can. J. For. Res.* 36:2285–2299. ③
- Foster, N.W.; Bhatti, J.S. 2006. Forest ecosystems: nutrient cycling. Pages 718–721 in *Encyclopedia of soil science*. Taylor & Francis, New York, N.Y. ④
- Getzin, S.; Dean, C.; He, E.; Trofymow, J.A.; Wiegand, K.; Wiegand, T. 2006. Spatial patterns and competition of tree species in a Douglas-fir chronosequence on Vancouver Island. *Ecography* 29(5):671–682. ⑤
- Gosse, J.W.; Hearn, B.J. 2005. Seasonal diets of Newfoundland marten (*Martes americana atrata*). *Can. Field-Nat.* 119:43–47. ①
- Harper, K.A.; Bergeron, Y.; Drapeau, P.; Gauthier, S.; De Grandpré, L. 2006. Changes in spatial pattern of trees and snags during structural development in *Picea mariana* boreal forests. *J. Veg. Sci.* 17:625–636. ②
- Hillman, G.R.; Roberts, J.J. 2006. Tamarack and black spruce growth on a boreal fen in central Alberta 9 years after drainage. *New For.* 31(2):225–243. ④
- Kalra, Y.P.; Bhatti, J.S. 2006. Soil testing. Pages 1755–1758 in *Encyclopedia of soil science*. Taylor & Francis, New York, N.Y. ④
- Krzyszowska-Waitkus, A.; Vance, G.F.; Preston, C.M. 2006. Influence of coarse wood and fine litter on forest organic matter composition. *Can. J. Soil Sci.* 86(1):35–46. ⑤
- Magnussen, S.; Köhl, M. 2006. A better alternative to Wald's test-statistic for simple goodness-of-fit tests under one-stage cluster sampling. *For. Ecol. Manag.* 211(1–3):123–132. ⑤
- McLaren, B.E.; Roberts, B.A.; Djan-Chékar, N.; Lewis, K.P. 2006. Effects of overabundant moose on the Newfoundland landscape. *Alces* 40:45–59. ①
- Neilson, E.T.; MacLean, D.A.; Arp, P.A.; Meng, F.-R.; Bourque, C.P.-A.; Bhatti, J.S. 2006. Modeling carbon sequestration with CO₂FIX and a timber supply model for use in forest management planning. *Can. J. Soil Sci.* 86(2):219–233. Special Issue. ④
- Nierop, K.G.J.; Preston, C.M.; Verstraten, J.M. 2006. Linking the B ring hydroxylation pattern of condensed tannins to C, N, and P mineralization: a case study using four tannins. *Soil Biol. Biochem.* 38:2794–2802. ⑤
- Page-Dumroese, D.S.; Jurgensen, M.E.; Tiarks, A.E.; Ponder, E., Jr.; Sanchez, E.G.; Fleming, R.L.; Kranabetter, J.M.; Powers, R.E.; Stone, D.M.; Elioff, J.D.; Scott, D.A. 2006. Soil physical property changes at the North American Long-Term Soil Productivity study sites: 1 and 5 years after compaction. *Can. J. For. Res.* 36(3):551–564. ③
- Palosuo, T.; Liski, J.; Trofymow, J.A.; Titus, B.D. 2005. Litter decomposition affected by climate and litter quality—testing the Yasso model with litterbag data from the Canadian intersite decomposition experiment. *Ecol. Model.* 189:183–198. ⑤
- Pearce, J.L.; Venier, L.A.; Eccles, G.; Pedlar, J.; McKenney, D. 2005. Habitat islands, forest edge and spring-active invertebrate assemblages. *Biodivers. Conserv.* 14:2949–2969. ③
- Preston, C.M.; Trofymow, J.A.; Flanagan, L.B. 2006. Decomposition, $\delta^{13}\text{C}$, and the "lignin paradox". *Can. J. Soil Sci.* 86:235–245. ⑤
- Rauscher, H.M.; Plant, R.E.; Thomson, A.J. 2000. The application of scientific knowledge to decision-making in managing forest ecosystem. *Comput. Electron. Agric.* 27(1–3):1–6. ⑤
- Roy, G.; Larocque, G.R.; Anseau, C. 2006. Prediction of mortality in Appalachian sugar maple stands affected by dieback in southeastern Quebec, Canada. *For. Ecol. Manag.* 228:115–123. ②
- Shaw, C.H.; Chertov, O.; Komarov, A.; Bhatti, J.S.; Nadporozkaya, M.; Apps, M.J.; Bykhovets, S.; Mikhailov, A. 2006. Application of the forest ecosystem model EFIMOD 2 to jack pine along the Boreal Forest Transect Case Study. *Can. J. Soil Sci.* 86(2):171–185. Special Issue. ④
- Thomas, V.; Treitz, P.; McCaughey, J.H.; Morrison, I. 2006. Mapping stand-level forest biophysical variables for a mixedwood boreal forest using lidar: an examination of scanning density. *Can. J. For. Res.* 36:34–47. ③
- Thompson, I.D. 2006. Monitoring of biodiversity indicators in boreal forests: a need for improved focus. *Environ. Monit. Assess.* 121:261–271. ③
- Thompson, I.D.; Simard, J.H.; Tirman, R.D. 2006. Historical changes in white pine (*Pinus strobus* L.) density in Algonquin

Park, Ontario, during the 19th century. *Nat. Areas J.* 26: 61–71. ③

Thormann, M.N. 2006. Diversity and function of fungi in peatlands: a carbon cycling perspective. *Can. J. Soil Sci.* 86(2): 281–293. Special Issue. ④

Thormann, M.N. 2006. Lichens as indicators of forest health in Canada. *For. Chron.* 82(3):335–343. ④

Thormann, M.N. 2006. The role of fungi in boreal peatlands. Pages 101–123 in R.K. Wieder and D.H. Vitt, editors. *The*

role of fungi in boreal peatlands. *Ecological Studies Vol. 188.* Springer-Verlag, Berlin, Germany. ④

Venier, L.A.; Pearce, J.L. 2005. Boreal bird community response to jack pine forest succession. *For. Ecol. Manag.* 217:19–36. ③

Zhu, Z.X.; Arp, P.A.; Mazumder, A.; Meng, E.R.; Bourque, C.P.A.; Foster, N.W. 2005. Modeling stream water nutrient concentrations and loadings in response to weather condition and forest harvesting. *Ecol. Model.* 185:231–243. ③

Forest Fires

The burning question: mountain pine beetle and fire in our forests. [DVD]. 2006. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. ⑤

Canadian Wildland Fire Strategy: background syntheses, analyses, and perspectives. 2006. Hirsch, K.G.; Fuglem, P., technical coordinators. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta./Canadian Council of Forest Ministers, Ottawa. 113 p. ④

Canadian Wildland Fire Strategy: a vision for an innovative and integrated approach to managing the risks. 2005. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta./Canadian Council of Forest Ministers, Ottawa. 29 p. [Français : voir *Stratégie canadienne en matière de feux de forêt...*] ④

Effects of fire return rates on traversability of lodgepole pine forests for mountain pine beetle and the use of patch metrics to estimate traversability. 2006. Barclay, H.J.; Li, C.; Benson, L.; Taylor, S.W.; Shore, T.L. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-01. 32 p. ⑤

Prescribed burning impacts on some coastal British Columbia ecosystems. 2006. Beese, W.J.; Blackwell, B.A.; Green, R.N.; Hawkes, B.C. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-403. 25 p. ⑤

Réagir à la menace du feu pour la durabilité des forêts. 2006. Flannigan, M. RNCan, SCE, Centre de foresteries des Grands Lacs, Sault Ste. Marie (Ontario). Nouvelles Express Note 34. 2 p. [English: see *Responding to threat...*] ③

Responding to threat of fire on forest sustainability. 2006. Flannigan, M. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Frontline Express Note 34. 2 p. [Français : voir *Réagir à la menace...*] ③

Incendies des forêts

Stratégie canadienne en matière de feux de forêt : vision pour une approche innovatrice et intégrée pour la gestion des risques. 2005. RNCan, SCE, Centre de foresterie du Nord, Edmonton (Alberta), et Conseil canadien des ministres des forêts, Ottawa. 29 p. [English: see *Canadian Wildland Fire Strategy : a vision...*] ④

A summary of the Canadian Wildland Fire Strategy. 2006. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta., and Canadian Council of Forest Ministers, Ottawa. 4 p. ④

Journal Articles and Other Contributions /

Articles de revues scientifiques et autres collaborations

Barclay, H.J.; Li, C.; Hawkes, B.C.; Benson, L. 2006. Effects of fire size and frequency and habitat heterogeneity on forest age distribution. *Biol. Model.* 197:207–220. ⑤

Bergeron, Y.; Cyr, D.; Drever, C.R.; Flannigan, M.; Gauthier, S.; Kneeshaw, D.; Lauzon, E.; Leduc, A.; Le Goff, H.; Lesieur, D.; Logan, K. 2006. Past, current and future fire frequencies in Quebec's commercial forests: implications for the cumulative effects of harvesting and fire on age-class structure and natural disturbance-based management. *Can. J. For. Res.* 36:2737–2744. ③

Beverly, J.; Martell, D.L. 2005. Characterizing extreme fire and weather events in the Boreal Shield ecozone of Ontario. *Agric. For. Meteorol.* 133:5–16. ④

Cary, G.J.; Keane, R.E.; Gardner, R.H.; Lavorel, S.; Flannigan, M.D.; Davies, I.D.; Li, C.; Lenihan, J.M.; Rupp, T.S.; Mouillot, F. 2006. Comparison of the sensitivity of landscape-fire-succession models to variation in terrain, fuel pattern, climate and weather. *Landsc. Ecol.* 21:121–137. ③

Cruz, M.G.; Butler, B.W.; Alexander, M.E. 2006. Predicting the ignition of crown fuels above a spreading surface fire. Part II: Model evaluation. *Int. J. Wildland Fire* 15(1):61–72. ③

- Cruz, M.G.; Butler, B.W.; Alexander, M.E.; Forthofer, J.M.; Wakimoto, R.H. 2006. Predicting the ignition of crown fuels above a spreading surface fire. Part I: Model idealization. *Int. J. Wildland Fire* 15(1):47–60. ④
- de Groot, W.J.; Field, R.D.; Brady, M.; Roswintarti, O.; Mohamad, M. 2006. Development of the Indonesian and Malaysian Fire Danger Rating Systems. Mitigation and Adaptation Strategies for Global Change 12:165–180. ④
- Girardin, M.P.; Bergeron, Y.; Tardif, J.C.; Gauthier, S.; Flannigan, M.D.; Mudelsee, M. 2006. A 229-year dendroclimatic-inferred record of forest fire activity for the Boreal Shield of Canada. *Int. J. Wildland Fire* 15:375–388. ② ③
- Girardin, M.P.; Tardif, J.C.; Flannigan, M.D.; Bergeron, Y. 2006. Synoptic-scale atmospheric circulation and boreal Canada summer drought variability of the past three centuries. *J. Climate* 19: 1922–1947. ② ③
- Girardin, M.P.; Tardif, J.; Flannigan, M.D. 2006. Temporal variability in area burned for the province of Ontario, Canada, during the past 200 years inferred from tree rings. *J. Geophys. Res.* 111, D17108:1–10; doi:10.1029/2005JD006815. ②
- Girardin, M.P.; Tardif, J.C.; Flannigan, M.D.; Bergeron, Y. 2006. Forest fire-conducive drought variability in the southern Canadian boreal forest and associated climatology inferred from tree rings. *Can. Water Resour. J.* 31:275–296. ② ③
- Greene, D.F.; Gauthier, S.; Noël, J.; Rousseau, M.; Bergeron, Y. 2006. A field experiment to determine the effect of post-fire salvage on seedbeds and tree regeneration. *Front. Ecol. Environ.* 4:69–74. ②
- Kochubajda, B.; Flannigan, M.D.; Gyakum, J.R.; Logan, K.A.; Nguyen, T.-V. 2006. Lightning and fires in the Northwest Territories and responses to future climate change. *Arctic* 59:211–221. ③
- Krawchuk, M.A.; Cumming, S.G.; Flannigan, M.D.; Wein, R.W. 2006. Biotic and abiotic regulation of lightning fire initiation in the mixedwood boreal forest. *Ecology* 87:458–468. ③
- Lavorel, S.; Flannigan, M.D.; Lambin, E.F.; Scholes, M.C. 2007. Vulnerability of land systems to fire: interactions between humans, climate, the atmosphere and ecosystems. *Mitigation and Adaptation Strategies for Global Change* 12:33–53; doi:10.1007/s11027-006-9046-5. ③
- McRae, D.J.; Conard, S.G.; Ivanova, G.A.; Sukhinin, A.I.; Baker, S.P.; Samsonov, Y.N.; Blake, T.W.; Ivanov, V.A.; Ivanov, A.V.; Churkina, T.V.; Hao, W.M.; Koutzenogij, K.P.; Kovaleva, N. 2006. Variability of fire behavior, fire effects, and emissions in Scotch pine forests of central Siberia. *Mitigation and Adaptation Strategies for Global Change* 11:45–74. ③
- Nadeau, L.B.; Englefield, P.E. 2006. Fine-resolution mapping of wildfire fuel types for Canada: fuzzy logic modeling for an Alberta pilot area. *Environ. Monit. Assess.* 120(1):127–152. ④
- Oldford, S.; Leblon, B.; MacLean, D.; Flannigan, M. 2006. Predicting slow-drying fire weather index fuel moisture codes with NOAA-AVHRR images in Canada's northern boreal forest. *Int. J. Remote Sens.* 27:3881–3902. ③
- Otway, S.; Bork, E.W.; Anderson, K.R.; Alexander, M.E. 2006. Predicting ground fire ignition potential in aspen communities. Pages 537–546 in P.L. Andrews and B.W. Butler, compilers. *Fuels management—how to measure success. Proceedings of the 1st Fire Behavior and Fuels Conference*; 28–30 Mar. 2006, Portland, Ore. U.S. For. Serv. Rocky Mt. Res. Stn. RMRS-P-41. ④
- Parisien, M.-A.; Junor, D.R.; Kafka, V. 2006. Using landscape-based decision rules to prioritize locations of fuel treatments in the boreal mixedwood of western Canada. Pages 221–236 in P.L. Andrews and B.W. Butler, compilers. *Fuels management—how to measure success. Proceedings of the 1st Fire Behavior and Fuels Conference*; 28–30 Mar. 2006, Portland, Ore. U.S. For. Serv. Rocky Mt. Res. Stn. RMRS-P-41. ④
- Parisien, M.-A.; Peters, V.S.; Wang, Y.; Little, J.M.; Bosch, E.M.; Stocks, B.J. 2006. Spatial patterns of forest fires in Canada, 1980–1999. *Int. J. Wildland Fire* 15(3):361–374. ③ ④
- Samsonov, Y.N.; Koutsenogij, K.P.; Makarov, V.I.; Ivanov, A.V.; Ivanov, V.A.; McRae, D.J.; Conard, S.G.; Baker, S.P.; Ivanova, G.A. 2005. Particulate emissions from fires in central Siberian Scots pine forests. *Can. J. For. Res.* 35:2207–2217. ③
- Sass, A.P.; Amiro, B.D.; Orchansky, A.L. 2006. Surface energy balances of Canadian boreal forests following fire. Vol. P1.2, pages 1–4 in *Proceedings of the American Meteorological Society's 27th Conference on Agricultural and Forest Meteorology*; 22–25 May 2006, San Diego, Calif. American Meteorological Society, Boston, Mass. ④
- Skinner, W.R.; Shabbar, A.; Flannigan, M.D.; Logan, K.A. 2006. Large forest fires in Canada and the relationship to global sea surface temperatures. *J. Geophys. Res.* 111, D14106; doi:10.1029/2005JD006738. ③
- Taylor, S.W.; Alexander, M.E. 2006. Science, technology, and human factors in fire danger rating: the Canadian experience. *Int. J. Wildland Fire* 15:121–135. ⑤
- Thomas, D.A.; Alexander, M.E. 2006. *Fire Management Today* offers its services to wildland fire safety. Pages 1–3 in *Proceedings of the 9th Wildland Fire Safety Summit*; 25–27 April 2006, Pasadena, Calif. International Association of Wildland Fire, Hot Springs, S.Dak. ④

Turetsky, M.R.; Harden, J.W.; Friedli, H.R.; Flannigan, M.D.; Payne, N.J.; Crock, J.; Radke, L. 2006. Wildfires threaten mercury stocks in northern soils. *Geophys. Res. Lett.* 33(16), L16403; doi:10.1029/2005GL025595. ③

Whitehead, R.J.; Russo, G.; Hawkes, B.C.; Taylor, S.W.; Brown, B.N.; Barclay, H.J.; Benton, R.A. 2006. Effect of a spaced thinning in mature lodgepole pine on within-stand microclimate and fine fuel moisture content. Pages 523–536 in P.L. Andrews and B.W. Butler, compilers. *Fuels management—how to measure success.*

Proceedings of the 1st Fire Behavior and Fuels Conference; 28–30 Mar. 2006, Portland, Ore. U.S. For. Serv. Rocky Mt. Res. Stn. RMRS-P-41. ⑤

Wotton, B.M.; Martell, D.L. 2005. A lightning fire occurrence model for Ontario. *Can. J. For. Res.* 35:1389–1401. ③

Wotton, B.M.; Stocks, B.J.; Martell, D.L. 2005. An index for tracking sheltered forest floor moisture within the Canadian Forest Fire Weather Index System. *Int. J. Wildland Fire* 14:169–182. ③

Forest Insects

Alien forest pests. Context for the Canadian Forest Service's Science Program. Revised edition. [Online only]. 2005. NRCan, CFS, HQ, Science and Programs Branch, Ottawa. 16 p. [http://bookstore.cfs.nrcan.gc.ca] [Français : voir *Les ravageurs forestiers...*]

Assessment of Quickbird high spatial resolution imagery to detect red attack damage due to mountain pine beetle infestation. 2006. Coops, N.C.; Johnson, M.; Wulder, M.A.; White, J.C. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2005-19. 31 p. ⑤

Augmenting the existing survey hierarchy for mountain pine beetle red-attack damage with satellite remotely sensed data. 2006. Wulder, M.A.; White, J.C.; Bentz, B.; Ebata, T. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-05. 19 p. ⑤

The balance of complexity in mechanistic modeling: risk analysis in the mountain pine beetle. 2006. Nelson, W.A.; Potapov, A.; Lewis, M.A.; Hundsdoerfer, A.E.; He, F. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-03. 26 p. ⑤

Balsam woolly adelgid. 2006. Adam, C.I.; Ostaf, D.P. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. Pest Note 3. 1 p. [Français : voir *Le puceron...*] ①

Christmas tree insects and diseases. 2006. Adam, C.I.; McCarthy, P.J. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. Poster. [Français : voir *Insectes et maladies...*] ①

Conifer defoliators of British Columbia. 2006. Duncan, R.W. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 359 p. ⑤

Detecting and mapping mountain pine beetle red-attack damage with SPOT-5 10-m multispectral imagery. 2006. White, J.C.; Wulder, M.A.; Grills, D. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-17. 25 p. ⑤

Insects for forestiers

Determining fungal diversity on *Dendroctonus ponderosae* and *Ips pini* affecting lodgepole pine using cultural and molecular methods. 2006. Lim, Y.W.; Kim, J.-J.; Lu, M.; Breuil, C. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-04. 19 p. ⑤

Development of a portable spectroscopic sensor to measure wood and fibre properties in standing mountain pine beetle-attacked trees and decked logs. 2006. Hsieh, E.; Uy, N.; Wallbacks, L. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-16. 33 p. ⑤

Diversity of fungi associated with mountain pine beetle, *Dendroctonus ponderosae*, and infested lodgepole pines in British Columbia. 2006. Lee, S.; Kim, J.-J.; Breuil, C. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-06. 19 p. ⑤

Evaluation and review of potential impacts of mountain pine beetle infestation to composite board production and related manufacturing activities in British Columbia. 2006. Hartley, I.; Pasca, S. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-12. 17 p. ⑤

Exotic forest pests: molecular diagnosis to the rescue. 2006. Hamelin, R.C. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 29. 2 p. [Français : voir *Ravageurs forestiers exotiques...*] ②

Guide visuel pour la détection des dommages causés par l'agile du frêne. 2006. de Groot, P.; Biggs, W.D.; Lyons, D.B.; Scarr, T.; Czerwinski, E.; Evans, H.J.; Ingram, W.; Marchant, K. NRCan, SCE, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). 16 p. [English: see *A visual guide to detecting...*] ③

Historic influence of the mountain pine beetle on stand dynamics in Canada's Rocky Mountain parks. 2006. Dykstra, P.R.; Braumandl, T. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-15. 75 p. ⑤

Impacts of climate change on range expansion by the mountain pine beetle. 2006. Carroll, A.L.; Régnière, J.; Logan, J.A.; Taylor, S.W.; Bentz, B.; Powell, J.A. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-14. 20 p. ⑤

Insect production services. 2006. Ebling, P. NRCAN, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Frontline Express Note 32. 2 p. [Français : voir *Services de production d'insectes*.] ③

Insectes et maladies s'attaquant à l'arbre de Noël. 2006. Adam, C.I.; McCarthy, P.J. RNCAN, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). Affiche. [English: see *Christmas tree*...] ①

Insects and mites associated with Ontario forests: classification, common names, main hosts and importance. 2006. Nystrom, K.L.; Ochoa, I.M. NRCAN, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ontario. Inf. Rep. GL-X-7. 105 p. ③

Integrating remotely sensed and ancillary data sources to characterize a mountain pine beetle infestation. 2006. Coops, N.C.; Wulder, M.A.; White, J.C. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-07. 19 p. ⑤

Large-area mountain pine beetle infestations: spatial data representation and accuracy. 2006. Nelson, T.; Boots, B.; Wulder, M.A. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-02. 19 p. ⑤

Lutte par confusion sexuelle : protéger les arbres en déjouant les insectes. 2006. Deslisle, J. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts N° 28. 2 p. [English: see *Use of the mating disruption approach*...] ②

Méthode d'évaluation des attributs de la durée de conservation des arbres tués par le dendroctone du pin ponderosa. 2006. Harrison, D. RNCAN, SCF, Centre de foresterie du Pacifique, Victoria (Colombie-Britannique). Note de transfert de technologie 35E. 4 p. [English: see *Methodology to assess*...] ⑤

Methodology to assess shelf life attributes of mountain pine beetle-killed trees. 2006. Harrison, D. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Tech. Transfer Note 35. 4 p. [Français : voir *Méthode d'évaluation*...] ⑤

The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. [Published in hard cover and on CD]. 2006. Safranyik, I.; Wilson, W.R. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤

A procedure for mapping and monitoring mountain pine beetle red attack forest damage using Landsat imagery. 2006.

Wulder, M.A.; White, J.C.; Coops, N.C.; Han, T.; Alvarez, M.E.; Butson, C.; Yuan, X. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-404. 30 p. ⑤

Le puceron lanigère du sapin. 2006. Adam, C.I.; Ostaff, D.P. RNCAN, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). Notes sur les ravageurs 3. 1 p. [English: see *Balsam woolly*...] ①

Quantifying lumber value recovery from beetle-killed trees. 2006. Orbay, L.; Goudie, D. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-09. 19 p. ⑤

Les ravageurs forestiers étrangers. Contexte du Programme scientifique du Service canadien des forêts. Édition révisée. [En ligne seulement]. 2005. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. 16 p. [http://bibliothèque.scf.mcan.gc.ca] [English: see *Alien forest pests*...] ③

Ravageurs forestiers exotiques : le diagnostic moléculaire à la rescousse. 2006. Hamelin, R.C. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts N° 29. [English: see *Exotic forest pests*...] ②

Services de production d'insectes. 2006. Ebling, P. RNCAN, SCF, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). Nouvelles Express 32. 2 p. [English: see *Insect production services*.] ③

Stream temperature responses to clearcut logging in the central interior of British Columbia: test of the predictive model developed by Mellina et al. (2002). 2006. Mellina, E. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-08. 19 p. ⑤

Use of the mating disruption approach: protecting trees by tricking insect pests. 2006. Deslisle, J. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 28. 2 p. [Français : voir *Lutte par confusion sexuelle*...] ②

A visual guide to detecting emerald ash borer damage. 2006. de Groot, P.; Biggs, W.D.; Lyons, D.B.; Scarr, T.; Czerwinski, E.; Evans, H.J.; Ingram, W.; Marchant, K. NRCAN, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. 16 p. [Français : voir *Guide visuel pour la détection*...] ③

A wood and fibre quality-deterioration model for mountain pine beetle-killed trees by biogeoclimatic subzone. 2006. Tennessee, T.; Lawrence, V.; Woo, K. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-10. 23 p. ⑤

Wood decay and degradation in standing lodgepole pine (*Pinus contorta* var. *latifolia* Engelman.) killed by mountain

pine beetle (*Dendroctonus ponderosa* Hopkins: Coleoptera). 2006. Lewis, K.; Thompson, D.; Hartley, I.; Pasca, S. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-11. 18 p. ⑤

Journal Articles and Other Contributions /

Articles de revues scientifiques et autres collaborations

Addison, J.A.; Otvos, L.S.; Battigelli, J.P.; Conder, N. 2006. Does aerial spraying of *Bacillus thuringiensis* subsp. *kurstaki* (Btk) pose a risk to nontarget soil microarthropods? Can. J. For. Res. 36:1610–1620. ⑤

Arif, B.M. 2005. A brief journey with insect viruses with emphasis on baculoviruses. J. Invertebr. Pathol. 89(1):39–45. ③

Aukema, B.H.; Carroll, A.L.; Zhu, J.; Raffa, K.E.; Sickley, T.A.; Taylor, S.W. 2006. Landscape level analysis of mountain pine beetle in British Columbia, Canada: spatiotemporal development and spatial synchrony within the present outbreak. Ecography 29:427–441. ⑤

Barclay, H.J. 2005. Mathematical models for the use of sterile insects. Pages 147–174 in V.A. Dyck, J. Hendrichs, and A.S. Robinson, editors. Sterile insect technique: principles and practice in area-wide integrated pest management. Springer, Heidelberg, Germany. 787 p. ⑤

Barclay, H.J.; Hargrove, J.W.; Clift, A.; Meats, A. 2005. Procedures for declaring pest free status. Pages 363–386 in V.A. Dyck, J. Hendrichs, and A.S. Robinson, editors. Sterile insect technique: principles and practice in area-wide integrated pest management. Springer, Heidelberg, Germany. 787 p. ⑤

Behan-Pelletier, V.M.; Eamer, B.; Clayton, M.R. 2005. Dendroeremaeidae N.Fam., from forest trees in western North America (Acari: Oribatida: Licneremaeoidea). Acarologia 46(4):321–339. ⑤

Brandt, J.P. 2006. Life cycle of *Arceuthobium americanum* on *Pinus banksiana* based on inoculations in Edmonton, Alberta. Can. J. For. Res. 36(4):1006–1016. ④

Brauner, A.M.; de Groot, P. 2006. Field evaluation of host kairomones and pheromones for capture of *Conophthorus coniperda* (Coleoptera: Scolytidae). Can. Entomol. 138:723–732. ③

Buddle, C.M.; Langor, D.W.; Pohl, G.R.; Spence, J.R. 2006. Arthropod responses to harvesting and wildfire: implications for emulation of natural disturbance in forest management. Biol. Conserv. 128(3):346–357. ④

Byrne, T.; Stonestreet, C.; Peter, B. 2006. Characteristics and utilization of post-mountain pine beetle wood in solid wood products. Pages 233–253 in L. Safranyik and W.R. Wilson,

editors. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤

Cadogan, B.L.; Scharbach, R.D.; Krause, R.E.; Sloane, L.; Studens, J.A. 2005. Linkages between the phenologies of jack pine (*Pinus banksiana*) foliage and jack pine budworm (Lepidoptera: Tortricidae). Gt. Lakes Entomol. 38:58–75. ③

Carroll, A.L.; Shore, T.L.; Safranyik, L. 2006. Direct control: theory and practice. Pages 155–172 in L. Safranyik and W.R. Wilson, eds. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤

Cheng, X.W.; Wang, L.; Carner, G.R.; Arif, B.M. 2005. Characterization of three ascovirus isolates from cotton insects. J. Invertebr. Pathol. 89(3):193–202. ③

Cooke, B.J.; Lorenzetti, F. 2006. The dynamics of forest tent caterpillar outbreaks in Quebec, Canada. For. Ecol. Manag. 226:110–121. ④

Coops, N.C.; Johnson, M.; Wulder, M.A.; White, J.C. 2006. Assessment of Quickbird high spatial resolution imagery to detect red attack damage due to mountain pine beetle infestation. Remote Sens. Environ. 103:67–80. ⑤

Crane, P.E. 2006. Proposals to conserve the names *Chrysomyxa empetri*, *C. piperiana*, and *C. ledicola* (Uredinales) with teleomorph types against their anamorph homonyms. Taxon 55(3): 804–805. ④

Cusson, M. 2006. Recherche de sites cibles pour la lutte contre les insectes. Pages 47–49 dans A.C. Bonfils et I. Lamarche, éditeurs. La génomique au Service canadien des forêts : Premier symposium canadien sur la génomique forestière. Rapport du symposium. RNCan, SCE, Administration centrale, Ottawa. [English: see Cusson Search for target sites...] ②

Cusson, M. 2006. Search for target sites for insect control. Pages 45–47 in A.C. Bonfils and I. Lamarche, editors. Genomics for future forests: First Canadian Forest Genomics Symposium. Symposium Report. NRCan, CFS, Headquarters, Ottawa. [Français : voir Cusson (...) Recherche de sites...] ②

Cusson, M.; Béliveau, C.; Sen, S.E.; Vandermoten, S.; Rutledge, R.G.; Stewart, D.; Francis, E.; Haubruge, E.; Rehse, P.; Huggins, D.J.; Dowling, A.P.G.; Grant, G.H. 2006. Characterization and tissue-specific expression of two lepidopteran farnesyl diphosphate synthase homologs: implications for the biosynthesis of ethyl-substituted juvenile hormones. Proteins Struct. Funct. Bioinform. 65:742–758. ②

Duffy, S.P.; Young, A.M.; Morin, B.; Lucarotti, C.J.; Koop, B.F.; Levin, D.B. 2006. Sequence analysis and organization of

- the *Neodiprion abietis* nucleopolyhedrovirus genome. J. Virol. 80:6952–6963. ①
- Dymond, C.C.; Wulder, M.A.; Shore, T.L.; Nelson, T.; Boots, B.; Riel, W.G. 2006. Evaluation of risk assessment of mountain pine beetle infestations. West. J. Appl. For. 21(1):5–13. ⑤
- Edwards, J.P.; Bell, H.A.; Audsley, N.; Marris, G.C.; Kirkbride-Smith, A.; Bryning, G.; Frisco, C.; Cusson, M. 2006. The ectoparasitic wasp *Eulophus pennicornis* (Hymenoptera: Eulophidae) uses instar-specific endocrine disruption strategies to suppress the development of its host *Lacanobia oleracea* (Lepidoptera: Noctuidae). J. Insect Physiol. 52:1153–1162. ②
- Escasa, S.R.; Lauzon, H.A.M.; Mathur, A.C.; Krell, P.J.; Arif, B.M. 2006. Sequence analysis of the *Choristoneura occidentalis* granulovirus genome. J. Gen. Virol. 87:1917–1933. ③
- Floate, K.D.; Kyei-Poku, G.K.; Coghlin, P.C. 2006. Overview and relevance of *Wolbachia* bacteria in biocontrol research. Biocontrol Sci. Technol. 16:767–788. ③
- Grant, G.G. 2006. Foliage architecture explains oviposition preference of spruce budworm (Lepidoptera: Tortricidae) for white spruce over balsam fir. Can. Entomol. 138:198–204. ③
- Grant, G.G.; Liu, W.; Slessor, K.N.; Abou-Zaid, M.M. 2006. Sustained production of the labile pheromone component, (Z,Z)-6, 9-heneicosadien-11-one, from a stable precursor for monitoring the whitemarked tussock moth. J. Chem. Ecol. 32: 1731–1741. ③
- Gray, D.R.; MacKinnon, W.E. 2006. Outbreak patterns of the spruce budworm and their impacts in Canada. For. Chron. 82:550–561. ①
- Hébert, C. 2006. Succession d'insectes après feu en forêt boréale. RNCAN, SCF, Centre de foresterie du Nord, Edmonton (Alberta). Arthropodes des forêts canadiennes 2:6–8. [http://nofc.cfs.nrcan.gc.ca/publications/biodiversity/aocf_f.php] [English: see Hébert... *Postfire insect succession...*] ②
- Hébert, C. 2006. Postfire insect succession in boreal forests. NRCAN, CFS, Northern Forestry Centre, Edmonton, Alta. Arthropodes of Canadian Forests 2:6–8. [http://nofc.cfs.nrcan.gc.ca/publications/biodiversity/aocf_e.php] [Français: voir Hébert (...) *Succession d'insectes...*] ②
- Hébert, C.; Berthiaume, R.; Bordeleau, C. 2006. Polyurethane foam strips to estimate parasitism of hemlock looper (Lepidoptera: Geometridae) eggs by *Telenomus* spp. (Hymenoptera: Scelionidae). Can. Entomol. 138:114–117. ②
- Humble, L.M. 2005. A novel host association for *Monarthrum scutellare* (Coleoptera: Curculionidae: Scolytinae) in British Columbia. Entomol. Soc. B.C. 102:81–82. ⑤
- Humble, L.M. 2006. Overwintering adaptations in arctic sawflies (Hymenoptera: Tenthredinidae) and their parasitoids: cold tolerance. Can. Entomol. 138(1):59–71. ⑤
- Humble, L.M.; Allen, E.A. 2006. Forest biosecurity: alien invasive species and vectored organisms. Can. J. Plant Pathol. 28: S256–S269. ⑤
- Johns, R.; Ostaff, D.P.; Quiring, D.T. 2006. Relationships between yellowheaded spruce sawfly, *Piknemus alaskensis*, density and defoliation on juvenile black spruce. For. Ecol. Manag. 228: 51–60. ①
- Klimaszewski, J.; Majka, C.G.; Langor, D.W. 2006. Review of the North American *Tarphiotia* Casey, with a description of a new seashore-inhabiting *Atheta* species exhibiting convergent characteristics (Coleoptera: Staphylinidae: Aleocharinae). Entomol. Sci. 9:67–78. ② ④
- Klimaszewski, J.; Pelletier, G.; Germain, C.; Work, T.; Hébert, C. 2006. Review of *Oxyptoda* species in Canada and Alaska (Coleoptera, Staphylinidae, Aleocharinae): systematics, bionomics, and distribution. Can. Entomol. 138:737–852. ②
- Kope, H.H.; Alfaro, R.I.; Lavallée, R. 2006. Virulence of the entomopathogenic fungus *Lecanicillium* (Deuteromycota: Hyphomycetes) to *Pissodes strobi* (Coleoptera: Curculionidae). Can. Entomol. 138:253–262. ②
- Kyei-Poku, G.K.; Giladi, M.; Coghlin, P.; Mokady, O.; Zchori-Fein, E.; Floate, K.D. 2006. *Wolbachia* in wasps parasitic on filth flies with emphasis on *Spalangia cameroni*. Entomol. Exp. Appl. 121:123–135. ③
- Langor, D.W.; Spence, J.R. 2006. Arthropods as ecological indicators of sustainability in Canadian forests. For. Chron. 82(3): 344–350. ④
- Langor, D.W.; Spence, J.R.; Hammond, H.E.J.; Jacobs, J.; Cobb, T.P. 2006. Maintaining saproxylic insects in Canada's extensively managed boreal forests: a review. Pages 83–97 in S.J. Grove and J.L. Hanula, editors. Insect biodiversity and dead wood. Proceedings of a Symposium for the 22nd International Congress of Entomology; 15–21 Aug. 2004, Brisbane, Australia. U.S. For. Serv. South. Res. Sm. Gen. Tech. Rep. SRS-93. ④
- Lauzon, H.A.M.; Garcia-Maruniak, A.; Zanotto, P.M.deA.; Clemente, J.C.; Herniou, E.A.; Lucarotti, C.J.; Arif, B.M.; Maruniak, J.E. 2006. Genomic comparison of *Neodiprion sertifer* and *Neodiprion lecontei* nucleopolyhedroviruses and identification of potential hymenopteran baculovirus-specific open reading frames. J. Gen. Virol. 87:1477–1489. ③
- Lucarotti, C.J. 2006. Génomique fonctionnelle du nucléopolyhédrovirus du diprion. Pages 51–52 dans A.-C. Bontils et L.

- Gamache, éditeurs. La génomique au service des forêts de demain. Premier symposium canadien sur la génomique forestière. Rapport du symposium. RNCAN, SCE, Administration centrale, Direction des sciences et des programmes, Ottawa. [English: see Lucarotti... *Sawfly nucleopolyhedrovirus*...] ①
- Lucarotti, C.J. 2006. Sawfly nucleopolyhedrovirus functional genomics. Pages 49–50 in A.-C. Bonfils and I. Gamache, editors. Genomics for future forests. First Canadian Forest Genomics Symposium. Symposium Report. NRCAN, CFS, HQ, Science and Programs Branch, Ottawa. [Français : voir Lucarotti (...)] *Génomique fonctionnelle*...] ①
- Majka, C.G.; Klimaszewski, J.; Lauff, R.E. 2006. New Coleoptera records from owl nests in Nova Scotia, Canada. *Zootaxa* 1194: 33–47. ②
- Majka, C.G.; Moseley, M.; Klimaszewski, J. 2006. *Gennadota canadensis* (Casey) (Staphylinidae: Aleocharinae): new records, a range extension, and bionomic notes. *Coleopt. Bull.* 60: 231–234. ②
- Marcotte, M.; Delisle, J.; McNeil, J.N. 2006. Impact of male mating history on the postmating resumption of sexual receptivity and lifetime reproductive success in *Choristoneura rosaceana* females. *Physiol. Entomol.* 31:227–233. ②
- Maruyama, M.; Klimaszewski, J. 2006. Notes on myrmecophilous aleocharines (Insecta, Coleoptera, Staphylinidae) from Canada, with a description of a new species of *Myrmoeccia*. *Bull. Natl. Sci. Mus. (Tokyo)* 32:125–131. ②
- McAfee, B.; Nealis, V.; Malouin, C. 2006. Invasive alien species at the urban–forest interface. *Environments* 34(1). ⑥
- Moreau, G.; Eveleigh, E.S.; Lucarotti, C.J.; Quiring, D.T. 2006. Ecosystem alteration modifies the relative strengths of bottom-up and top-down forces in a herbivore population. *J. Anim. Ecol.* 75:853–861. ①
- Moseley, M.; Klimaszewski, J.; Majka, C.G. 2006. Description of the pupa and observations on the distribution, ecology, and life history of *Quedius spelaeus spelaeus* Horn (Coleoptera: Staphylinidae) in Nova Scotia, Canada. *Zootaxa* 1226:61–68. ②
- Nelson, T.; Boots, B.; Wulder, M.A. 2006. Large-area mountain pine beetle infestations: spatial data representation and accuracy. *For. Chron.* 82(2):243–252. ⑤
- Nicole, M.-C.; Lavallée, R.; Baucé, E.; Charest, M.; Séguin, A. 2006. Stimulating effect of bark polar fraction from the terminal leader of Norway spruce, *Picea abies*, on white pine weevil, *Pissodes strobi*, feeding and oviposition. *J. Appl. Entomol.* 130:284–289. ②
- Ostaf, D.P.; Piene, H.; Quiring, D.T.; Moreau, G.; Farrell, J.C.G.; Scarr, T. 2006. Influence of pre-commercial thinning of balsam fir on defoliation by the balsam fir sawfly. *For. Ecol. Manag.* 223:342–348. ②
- Otvos, I.S.; Kukan, B.; Reardon, R.; Ragenovich, I. 2006. Effects of long-term storage on potency of TM Biocontrol-1, the registered viral insecticide of *Orygia pseudotsugata* (Lepidoptera: Lymantriidae). *J. Econ. Entomol.* 99(1):14–22. ⑤
- Perera, S.C.; Zheng, S.C.; Feng, Q.L.; Krell, P.J.; Retnakaran, A.; Palli, S.R. 2005. Heterodimerization of ecdysone receptor and ultraspiracle on symmetric and asymmetric response elements. *Arch. Insect Biochem. Physiol.* 60:55–70. ③
- Pohl, G.R.; Langor, D.W.; Landry, J.-F.; Spence, J.R. 2004. Moths and butterflies (Lepidoptera) of the boreal mixedwood forest near Lac La Biche, Alberta, including new provincial records. *Can. Field-Nat.* 118(4):530–549. ④
- Poulin, J.; Lavallée, R.; Mauffette, Y.; Rioux, D. 2006. White pine weevil performances in relation to budburst phenology and traumatic resin duct formation in Norway spruce. *Agric. For. Entomol.* 8:129–137. ②
- Quan, G.X.; Krell, P.J.; Arif, B.M.; Feng, Q. 2006. Receptor of activated C kinase 1 (RACK1) is necessary for the 20-hydroxyecdysone-induced expression of the transcription factor CHR3 in the spruce budworm *Choristoneura fumiferana*. *Insect Mol. Biol.* 15:79–87. ③
- Quednau, F.W.; Martin, J.H. 2006. Descriptions of two new species of *Anomalosiphum* (Hemiptera: Aphididae, Greenideinae), including a winged ovipara with pedunculate eggs. *Zool. J. Linn. Soc.* 146:239–249. ②
- Rodriguez-Saona, C.; Poland, T.M.; Miller, J.R.; Stelinski, L.L.; Grant, G.G.; De Groot, P.; Buchan, L.; MacDonald, L.M. 2006. Behavioral and electrophysiological responses of the emerald ash borer, *Agrilus planipennis*, to induced volatiles of Manchurian ash, *Fraxinus mandshurica*. *Chemoecology* 16:75–86. ③
- Ryall, K.L.; de Groot, P.; Smith, S.M. 2006. Sequential patterns of colonization of coarse woody debris by *Ips pini* (Say) (Coleoptera: Scolytidae) following a major ice storm in Ontario. *Agric. For. Entomol.* 8:89–95. ③
- Ryall, K.L.; Fahrig, L. 2006. Response of predators to loss and fragmentation of prey habitat: a review of theory. *Ecology* 87: 1086–1093. ①
- Safranyik, L.; Carroll, A.L. 2006. The biology and epidemiology of the mountain pine beetle in lodgepole pine forests. Pages 3–66 in L. Safranyik and W.R. Wilson, editors. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤

- Shore, T.L.; Riel, W.G.; Safranyik, L.; Fall, A. 2006. Decision support systems. Pages 193–230 in L. Safranyik and W.R. Wilson, editors. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤
- Shore, T.L.; Safranyik, L.; Hawkes, B.C.; Taylor, S.W. 2006. Effects of the mountain pine beetle on lodgepole pine stand structure and dynamics. Pages 95–114 in L. Safranyik and W.R. Wilson, editors. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤
- Shore, T.L.; Safranyik, L.; Whitehead, R.J. 2006. Principles and concepts of management. Pages 117–121 in L. Safranyik and W.R. Wilson, editors. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤
- Slack, J.M.; Lawrence, S.D. 2005. Evidence for proteolytic cleavage of the baculovirus occlusion-derived virion envelope protein P74. J. Gen. Virol. 86:1637–1643. ③
- Smith, G.A.; Hurley, J.E. 2006. First record in Atlantic Canada of *Sponylis upiformis* Mannerheim and *Xylotrechus sagittatus sagittatus* (Germar) (Coleoptera: Cerambycidae). Coleopt. Bull. 59:488. ①
- Sweeney, J.; Gutowski, J.M.; Price, J.; de Groot, P. 2006. Effect of semiochemical release rate, killing agent, and trap design on detection of *Tetropium fuscum* (F.) and other longhorn beetles (Coleoptera: Cerambycidae). Ecol. Entomol. 35:645–654. ①
- Szőcs Gabor; Otvos, I.S.; Schiller, A.; Bergmann, J.; Francke, W. 2006. *Camenaria gauthieriella* and *C. lobatiella* attracted in Canada to (E,Z)-8,10-tetradecadienal, the sex pheromone of the European *C. obriidella*. Can. Entomol. 138(2):263–268. ⑤
- Taylor, S.W.; Carroll, A.L.; Alfaro, R.L.; Safranyik, L. 2006. Forest, climate and mountain pine beetle outbreak dynamics in western Canada. Pages 67–94 in L. Safranyik and W.R. Wilson, editors. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤
- Timms, L.L.; Smith, S.; de Groot, P. 2006. Patterns in the within-tree distribution of the emerald ash borer *Agrilus planipennis* (Fairmaire) in young, green-ash plantations of south-western Ontario, Canada. Agric. For. Entomol. 8:313–321. ③
- Trudel, R.; Guertin, C.; Grant, G.G. 2006. Potential for mating disruption to reduce cone damage by the spruce seed moth, *Cydia strobilella*, in spruce seed orchards. J. Appl. Entomol. 130: 245–250. ③
- Wagner, W.L.; Wilson, W.R.; Peter, B.; Wang, S.; Stennes, B. 2006. Economics in the management of mountain pine beetle in lodgepole pine in British Columbia: a synthesis. Pages 277–299 in L. Safranyik and W.R. Wilson, editors. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤
- Wang, L.; Xue, J.; Seaborn, C.P.; Arif, B.M.; Cheng, X.W. 2006. Sequence and organization of the *Trichoplusia ni* ascovirus 2c (*Ascoviridae*) genome. Virology 354:167–177. ③
- Watson, P.A. 2006. Impact of the mountain pine beetle on pulp and papermaking. Pages 255–275 in L. Safranyik and W.R. Wilson, editors. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤
- Wesley, J.; Williams, D.J.M.; Langor, D.W.; Spence, J.R. 2006. Spruce beetle (Coleoptera: Scolytidae) parasitoids: cephalic morphology of larvae and a key to species (Hymenoptera: Braconidae, Pteromalidae). Can. Entomol. 138(1):87–90. ④
- Whitehead, R.J.; Safranyik, L.; Shore, T.L. 2006. Preventive management. Pages 173–192 in L. Safranyik and W.R. Wilson, editors. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤
- Wulder, M.A.; Dymond, C.C.; White, J.C.; Erickson, R.D. 2006. Detection, mapping, and monitoring of the mountain pine beetle. Pages 123–154 in L. Safranyik and W.R. Wilson, editors. The mountain pine beetle: a synthesis of biology, management, and impacts on lodgepole pine. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 304 p. ⑤
- Wulder, M.A.; White, J.C.; Bentz, B.; Alvarez, M.E.; Coops, N.C. 2006. Estimating the probability of mountain pine beetle red-attack damage. Remote Sens. Environ. 101(2):150–166. ⑤
- Wulder, M.A.; White, J.C.; Bentz, B.; Ebata, T. 2006. Augmenting the existing survey hierarchy for mountain pine beetle red-attack damage with satellite remotely sensed data. For. Chron. 82(2): 187–202. ⑤
- Yang, D.H.; Maklunoudova, A.; Arif, B.M.; Feng, Q.; Retnakaran, A.; Palli, S.R.; Krell, P.J. 2006. DNA versus protein immunisation for production of monoclonal antibodies against *Choristoneura fumiferana* ecdysone receptor (CtEcR). Vaccine 24(16):3115–26. ③
- Zhang, D.Y.; Ampasala, D.R.; Zheng, S.C.; Cusson, M.; Cheng, X.W.; Krell, P.J.; Feng, Q.L. 2006. Molecular cloning and characterization of a putative nuclear DEAD box RNA helicase in the spruce budworm, *Choristoneura fumiferana*. Arch. Insect Biochem. Physiol. 61:209–219. ②

Zillahl-Balogh, G.M.G.; Humble, L.M.; Kok, L.T.; Salom, S.M. 2006. Morphology of *Laricobius nigrinus* (Coleoptera:

Derodontidae), a predator of the hemlock woolly adelgid. *Can. Entomol.* 138(5):595–601. ⑤

Genetics, Tree Improvement, and Biodiversity

Bois brûlés : optimiser la récupération en conservant la biodiversité. 2006. Hébert, C. RNCAN, SCE, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts N° 26. 2 p. [English: see *Optimizing salvage harvesting...*] ②

Conservation and sustainable use of forest genetic resources. 2006. NRCAN, CFS, Atlantic Forestry Centre, Fredericton, N.B. 2 p. [Français : voir *Conservation et utilisation...*] ①

Conservation and utilisation durable des ressources génétiques de la forêt. 2006. RNCAN, SCE, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). 2 p. [English: see *Conservation and sustainable use...*] ①

Consultation en ligne sur la réglementation fédérale concernant les essais au champ en conditions confinées de végétaux à caractères nouveaux qui sont des arbres forestiers : Invitation à participer. 2006. Gamache, I.; Shearer, W.; Finstad, K.; Bonfils, A.-C. Administration centrale, Direction des sciences et des programmes / Agence canadienne d'inspection des aliments, Ottawa. Affiche. [English : see *Online consultation...*] ⑥

Genomics for future forests. First Canadian forest genomics symposium. 2006. Bonfils, A.-C.; Gamache, I., editors. NRCAN, CFS, HQ, Science and Programs Branch, Ottawa. Symposium Report. 80 p. [Français : voir *La génomique...*] ⑥

La génomique au service des forêts de demain : Premier symposium canadien sur la génomique forestière. 2006. Bonfils, A.-C.; Gamache, I., éd. RNCAN, SCE, Administration centrale, Direction des sciences et des programmes, Ottawa. Rapport du symposium. 80 p. [English: see *Genomics for future forests...*] ⑥

Online consultation on federal regulations for confined field trials of plants with novel traits that are forest trees: invitation to participate. 2006. Gamache, I.; Shearer, W.; Finstad, K.; Bonfils, A.-C. NRCAN, CFS, Science and Programs Branch/Canadian Food Inspection Agency, Ottawa. Poster. [Français : voir *Consultation en ligne...*] ⑥

Optimizing salvage harvesting and conserving biodiversity. 2006. Hébert, C. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 26. 2 p. [Français : voir *Bois brûlés...*] ②

Génétique, amélioration des arbres et biodiversité

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Beaulieu, J.; Godbout, J.; Jaramillo-Correa, J.P.; Bousquet, J. 2006. On the track of the past of our conifers. NRCAN, CFS, Atlantic Forestry Centre, Fredericton, N.B. *Forest Health & Biodiversity News* 10(1, Spring):2–6. [Français : voir Beaulieu (...)] *Sur la trace du passé...* ②

Beaulieu, J.; Godbout, J.; Jaramillo-Correa, J.P.; Bousquet, J. 2006. Sur la trace du passé de nos conifères. RNCAN, SCE, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). *Santé & biodiversité des forêts Nouvelles* 10(1, printemps):2–6. [English: see Beaulieu... *On the track of the past...*] ②

Beaulieu, J.; Zhang, S.Y.; Yu, Q.; Rainville, A. 2006. Comparison between genetic and environmental influences on lumber bending properties in young white spruce. *Wood Fiber Sci.* 38:553–564. ②

Beardmore, T.; Loo, J.A.; McAfee, B.; Malouin, C.; Simpson, J.D. 2006. A survey of tree species of concern in Canada: the role for genetic conservation. *For. Chron.* 82:351–363. ①

Bonfils, A.-C. 2005. Canada's regulatory approach. Pages 229–243 in C.G. Williams, editor. *Landscapes, genomics and transgenic conifer*. Springer, Dordrecht, The Netherlands. ⑥

Cameron, S.I. 2006. Tissue culture gel firmness: measurement and effects on growth. Pages 329–337 in S. Dutta Gupta and Y. Ibaraki, editors. *Plant tissue culture engineering*. Springer, Dordrecht, The Netherlands. ①

Charity, J.A.; Klimaszewska, K. 2005. Persistence of *Agrobacterium tumefaciens* in transformed conifers. *Environ. Biosafety Res.* 4: 167–177. ②

Cloutier, M.; Vigneault, F.; Lachance, D.; Séguin, A. 2005. Characterization of a poplar NIMA-related kinase PNeck1 and its potential role in meristematic activity. *FEBS [Fed. Eur. Biochem. Soc.] Lett.* 579:4659–4665. ②

Daoust, G.; Mottet, M.J. 2006. Impact du charançon du pin blanc (*Pissodes strobi* Peck) dans les plantations d'épinettes de Norvège (*Picea abies* (L.) Karst.). Partie 1 : Productivité et qualité des sciages. *For. Chron.* 82:538–549. [English: see Daoust... *Impact of the ...*] ②

- Daoust, G.; Mottet, M.J. 2006. Impact of the white pine weevil (*Pissodes strobi* Peck) on Norway spruce plantations (*Picea abies* (L.) Karst.). Part 1: Productivity and lumber quality. *For. Chron.* 82:745–756. [Français : see Daoust (...) *Impact du...*] ②
- Ekrasmoddollah, A.K.M.; Liu, J.-J.; Zamani, A. 2006. Cloning and characterization of a putative antifungal peptide gene (Pm-AMP1) in *Pinus monticola*. *Phytopathology* 96:164–170. ⑤
- Finstad, K.; Bonfils, A.-C.; Shearer, W.; Macdonald, P. Published online 22 Dec. 2006. Tree with novel traits in Canada: regulations and related scientific issues. *Tree Genet. Genomes* (In Press). [<http://www.springerlink.com/content/r64377g76281.342g/>]
- Hamelin, R. 2006. Molecular epidemiology of forest pathogens: from genes to landscape. *Can. J. Plant Pathol.* 28:167–181. ②
- Jaramillo-Correa, J.P.; Beaulieu, J.; Ledig, F.T.; Bousquet, J. 2006. Decoupled mitochondrial and chloroplast DNA population structure reveals Holocene collapse and population isolation in a threatened Mexican-endemic conifer. *Mol. Ecol.* 15:2787–2800. ②
- Joly, D.L.; Langor, D.W.; Hamelin, R. 2006. Molecular and morphological evidence for interspecific hybridization between *Cronartium ribicola* and *C. comandrae* on *Pinus flexilis* in south-western Alberta. *Plant Dis.* 90:1552. ②
- Krakowski, J.; Park, Y.S.; El-Kassaby, Y. 2005. Early testing of Douglas-fir: wood density and ring width. *For. Genet.* 12(2): 99–105. ①
- Lamothe, M.; Meirmans, P.; Isabel, N. 2006. A set of polymorphic EST-derived markers for *Picea* species. *Mol. Ecol. Notes* 6:237–240. ②
- Lelu-Walter, M.A.; Bernier-Cardou, M.; Klimaszewska, K. 2006. Simplified and improved somatic embryogenesis for clonal propagation of *Pinus pinaster* (Ait.). *Plant Cell Rep.* 25:767–776. ②
- Liu, J.-J.; Ekrasmoddollah, A.K.M. 2006. The family 10 of plant pathogenesis-related proteins: their structure, regulation, and function in response to biotic and abiotic stresses. *Physiol. Mol. Plant Pathol.* 68:3–13. ⑤
- MacDonald, J.E.; Little, C.H.A. 2006. Foliar application of GA₃ during terminal long-shoot bud development stimulates shoot apical meristem activity in *Pinus sylvestris* seedlings. *Tree Physiol.* 26:1271–1276. ①
- MacKay, J.J.; Becwar, M.R.; Park, Y.S.; Cordero, J.P.; Pullman, G.S. 2006. Genetic control of somatic embryogenesis initiation in loblolly pine and implications for breeding. *Tree Genet. Genomes* 2:1–9. ①
- Major, J.E.; Barsi, D.C.; Mosseler, A.; Campbell, M. 2007. Genetic variation and control of chloroplast pigment concentrations in *Picea rubens*, *Picea mariana* and their hybrids. I: Ambient and elevated [CO₂] environments. *Tree Physiol.* 27:353–364. ①
- McAfee, B.J.; Malouin, C.; Fletcher, N. 2006. Achieving forest biodiversity outcomes across scales, jurisdictions and sectors with cycle of adaptive management integrated through criteria and indicators. *For. Chron.* 82(3):321–334. ⑥
- Mentag, R.; Séguin, A. 2006. Transgenic approaches to increase pathogen disease resistance in forest trees: a case study with poplar. Chapter 8 in J.E. Lundquist and R.C. Hamelin, editors. *Forest pathology: from genes to landscapes*. APS [American Phytopathological Society] Press, Saint Paul, Minn. 175 p. ②
- Montes, C.S.; Hernandez, R.E.; Beaulieu, J.; Weber, J.C. 2006. Genetic variation and correlations between growth and wood density of *Calyptophyllum spruceanum* at an early age in the Peruvian Amazon. *Silvae Genet.* 55:217–228. ②
- Mottet, M.J.; Daoust, G.; Zhang, S.Y. 2006. Impact of the white pine weevil (*Pissodes strobi* [Peck]) on Norway spruce (*Picea abies* [L.] Karst.) plantations. Part 2: Lumber properties. *For. Chron.* 82:834–843. ②
- Nicole, M.C.; Hamel, L.P.; Morency, M.J.; Beaudoin, N.; Ellis, B.E.; Séguin, A. 2006. MAP-ping genomic organization and organ-specific expression profiles of poplar MAP kinases and MAP kinase kinases. *BMC Genomics* [Online serial]: 7:233; doi : 10.1186/1471-2164-7-223. <http://www.biomedcentral.com/1471-2164/7/223>. ②
- Nicole, M.C.; Zeneli, G.; Lavallée, R.; Rioux, D.; Baucé, E.; Morency, M.J.; Fenning, T.M.; Séguin, A. 2006. White pine weevil (*Pissodes strobi*) biological performance is unaffected by the jasmonic acid or wound-induced defense response in Norway spruce (*Picea abies*). *Tree Physiol.* 26:1377–1389. ②
- Noël, A.; Levasseur, C.; Le, V.Q.; Séguin, A. 2005. Enhanced resistance to fungal pathogens in forest trees by genetic transformation of black spruce and hybrid poplar with a *Trichoderma harzianum* endochitinase gene. *Physiol. Mol. Plant Pathol.* 67: 92–99. ②
- O'Connell, L.M.; Mosseler, A.; Rajora, O.P. 2006. Impacts of forest fragmentation on the mating system and genetic diversity of white spruce (*Picea glauca*) at the landscape level. *Heredity* 97:418–426. ①
- O'Connell, L.M.; Mosseler, A.; Rajora, O.P. 2006. Impacts of forest fragmentation on the reproductive success of white spruce (*Picea glauca*). *Can. J. Bot.* 84:956–965. ①
- Park, Y.S.; Lelu-Walter, M.A.; Harvengt, L.; Trontin, J.F.; MacEachern, I.; Klimaszewska, K.; Bonga, J.M. 2006. Initiation of somatic embryogenesis in *Pinus banksiana*, *P. strobus*, *P. pinaster*,

and *P. sylvestris* at three laboratories in Canada and France. *Plant Cell Tissue Organ Cult.* 86:87–101. ① ②

Pelgas, B.; Beauseigle, S.; Acheré, V.; Jeandroz, S.; Bousquet, J.; Isabel, N. 2006. Comparative genome mapping among *Picea glauca*, *P. mariana* × *P. rubens* and *P. abies*, and correspondence with other Pinaceae. *Theor. Appl. Genet.* 113:1371–1393. ②

Growth and Yield, Inventory, and Monitoring

Cycle du carbone forestier. 2006. Moroni, M.T. RNCAN, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). Note d'impact 44. [English: see *Forest carbon cycling*.] ①

First Nations Forestry Program. An exploration of on-reserve forest management capacity and forest certification interest in First Nations communities across Canada. 2006. NRCAN, CFS, HQ, Science and Programs Branch, Ottawa. 39 p. [Français : voir *Programme (...) Exploration...*] ⑥

Forest carbon cycling. 2006. Moroni, M.T. NRCAN, CFS, Atlantic Forestry Centre, Fredericton, N.B. Impact Note 44. 1 p. [Français : see *Cycle du carbone forestier*.] ①

L'histoire secrète des arbres révélée par l'analyse du tronc. 2006. Newton, P. RNCAN, SFC, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). Nouvelles Express Note 35. 2 p. [English: see *Revealing the past...*] ③

Programme forestier des Premières nations. Exploration, à l'échelle nationale, des capacités d'aménagement forestier et de l'intérêt des collectivités des Premières nations pour la certification forestière des terres situées sur les réserves. 2006. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. 43 p. [English: see *First Nations... An exploration...*] ⑥

Revealing the past secrets of trees via stem analysis. 2006. Newton, P. NRCAN, SCF, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Frontline Express Note 35. 2 p. [Français : voir *L'histoire secrète des arbres...*] ③

Sampling methods, remote sensing, and GIS multiresource forest inventory. 2006. Köhl, M.; Magnussen, S.; Marchetti, M., editors. Springer, Heidelberg, Germany. 374 p. (includes 108 illustrations). (\$200. Available from Springer, see page 33.)

Satellite land cover mapping of Canada's forests. [Online only]. 2006. Wulder, M.A.; Cranny, M.M.; Hall, R.; Luther, J.E.; Beaudion, A.; Dechka, J.A. International Society for Optical

Ritland, K.; Meagher, M.D.; Edwards, D.G.W.; El-Kassaby, Y.A. 2005. Isozyme variation and the conservation genetics of Garry oak. *Can. J. Bot.* 83(11):1478–1487. ⑤

Wang, B.S.P.; Simpson, J.D. 2006. Factors affecting tree seed storage. *J. Nanjing For. Univ.* 30:1–8. ①

Accroissement, inventaire et biosurveillance

Engineering, Bellingham, Wash. [<http://newsroom.spic.org/x3931.xml>]

Understanding forest disturbance and spatial pattern: remote sensing and GIS approaches. 2006. Wulder, M.A.; Franklin, S.E., editors. CRC Press, Taylor & Francis, Boca Raton, Fla. 246 p. (\$99.95. Available from CRC Press, see page 33.)

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Chubey, M.S.; Franklin, S.E.; Wulder, M.A. 2006. Object-based analysis of Ikonos-2 imagery for extraction of forest inventory parameters. *J. Am. Soc. Photogramm. Remote Sens.* 72(4): 383–394. ⑤

Coops, N.C.; Wulder, M.A.; White, J.C. 2006. Identifying and describing forest disturbance and spatial pattern: data selection issues and methodological implications. Pages 31–61 in M.A. Wulder and S.E. Franklin, eds. *Understanding forest disturbance and spatial pattern: remote sensing and GIS approaches*. CRC Press, Taylor & Francis, Boca Raton, Fla. 246 p. ⑤

Fish, H.; Lieffers, V.J.; Silins, U.; Hall, R.J. 2006. Crown shyness in lodgepole pine stands of varying stand height, density and site index in the upper foothills of Alberta. *Can. J. For. Res.* 36(9): 2104–2111. ④

Fortin, M.; Ung, C.H.; Archambault, L.; Bégin, J. 2006. Calibrating a generalized diameter distribution model with mixed effects. *For. Sci.* 52:650–658. ②

Franklin, S.E.; Jagielko, C.B.; Lavigne, M.B. 2005. Sensitivity of the Landsat enhanced wetness difference index (EWDI) to temporal resolution. *Can. J. Rem. Sens.* 31:149–152. ①

Frazer, G.W.; Wulder, M.A.; Niemann, K.O. 2005. Simulation and quantification of the fine-scale spatial pattern and heterogeneity of forest canopy structure: a lacunarity-based method designed for analysis of continuous canopy heights. *For. Ecol. Manag.* 214:65–90. ⑤

- Gougeon, E.A.; Leckie, D.G. 2006. The individual tree crown approach applied to Ikonos images of a coniferous plantation area. *Photogramm. Eng. Remote Sens.* 72(11):1287–1297. ⑤
- Hall, R.J.; Raulier, F.; Price, D.T.; Arsenault, E.; Bernier, P.Y.; Case, B.S.; Guo, X. 2006. Integrating remote sensing and climate data with process-based models to map forest productivity within west-central Alberta's boreal forest: EcoLeap-West. *For. Chron.* 82(2):159–176. ④
- Hall, R.J.; Skakun, R.S.; Arsenault, E. 2006. Remotely sensed data in the mapping of insect defoliation. Pages 85–111 in M.A. Wulder and S.E. Franklin, editors. *Understanding forest disturbance and spatial pattern: remote sensing and GIS approaches*. CRC Press, Taylor & Francis, Boca Raton, Fla. 246 p. ④
- Hall, R.J.; Skakun, R.S.; Arsenault, E.; Case, B.S. 2006. Modeling forest stand structure attributes using LANDSAT ETM+ data: application to mapping of aboveground biomass and stand volume. *For. Ecol. Manag.* 225(1):378–390. ④
- Hay, G.J.; Castilla, G.; Wulder, M.A.; Ruiz, J.R. 2005. An automated object-based approach for the multiscale image segmentation of forest scenes. *Int. J. Appl. Earth Observ. Geoinform.* 7(4):339–359. ⑤
- Holden, H.; Derksen, C.; LeDrew, E.; Wulder, M.A. 2001. Coral reef ecosystem evaluation based on spatial autocorrelation of multispectral satellite data. *Asian J. Geoinform.* 1(3):45–51. ⑤
- Labrecque, S.; Fournier, R.A.; Luther, J.E.; Piercey, D. 2006. A comparison of four methods to map biomass from Landsat TM and inventory data in western Newfoundland. *For. Ecol. Manag.* 226:129–144. ①
- Luther, J.E.; Fournier, R.A.; Piercey, D.E.; Guindon, L.; Hall, R.J. 2006. Biomass mapping using forest type and structure derived from Landsat TM imagery. *Int. J. Appl. Earth Observ. Geoinform.* 8:173–187. ①
- MacIsaac, D.A.; Comeau, P.G.; Macdonald, S.E. 2006. Dynamics of regeneration gaps following harvest of aspen stands. *Can. J. For. Res.* 36(7):1818–1833. ④
- Magnussen, S.; Allard, D.; Wulder, M.A. 2006. Poisson Voronoi tiling for finding clusters in spatial point patterns. *Scand. J. For. Res.* 21(3):239–248. ⑤
- Magnussen, S.; Kurz, W.A.; Leckie, D.G.; Paradine, D. 2005. Adaptive cluster sampling for estimation of deforestation rates. *Eur. J. For. Res.* 124(3):207–220. ⑤
- Newton, P.E. 2005. Forest production model for upland black spruce stands—optimal site occupancy levels for maximizing net production. *Ecol. Model.* 190:190–204. ③
- Newton, P.E. 2006. Asymptotic size–density relationships within self-thinning black spruce and jack pine stand-types: parameter estimation and model reformulations. *For. Ecol. Manag.* 226:49–59. ③
- Newton, P.E.; Amponsah, I.G. 2005. Evaluation of Weibull-based parameter prediction equation systems for black spruce and jack pine stand types within the context of developing structural stand density management diagrams. *Can. J. For. Res.* 35:2996–3010. ③
- Newton, P.E.; Amponsah, I.G. 2006. Systematic review of short-term growth responses of semi-mature black spruce and jack pine stands to nitrogen-based fertilization treatments. *For. Ecol. Manag.* 237:1–14. ③
- Newton, P.E.; Lei, Y.; Zhang, S.Y. 2005. Stand-level diameter distribution yield model for black spruce plantations. *For. Ecol. Manag.* 209:181–192. ③
- Ouimet, R.; Arp, P.A.; Watmough, S.A.; Aherne, J.; DeMerchant, I. 2006. Determination and mapping critical loads of acidity and exceedences for upland forest soils in eastern Canada. *Water Air Soil Pollut.* 172:57–66. ①
- Penner, M.; Swift, D.E.; Gagnon, R.; Brissette, J. 2006. A stand density management diagram for balsam fir in New Brunswick. *For. Chron.* 82:700–711. ①
- Peters, V.S.; Macdonald, S.E.; Dale, M.R.T. 2006. Patterns of initial versus delayed regeneration of white spruce. *Can. J. For. Res.* 36(6):1597–1609. ④
- Sockabasin, K.A.; Swift, D.E.; Bourque, C.P.-A.; Meng, F.-R. 2006. Modeling black ash (*Fraxinus nigra* Marsh.) habitat for west-central New Brunswick. Page 91 in G.R. Larocque, M. Fortin, and N. Thiffault, compilers. *Forest science across the borders. Proceedings of the Eastern CANUSA Forest Science Conference: 19–21 Oct. 2006, Québec, Que. Conference handbook; 2nd ed. with popular abstracts*. NRCan, CFS, Laurentian Forestry Centre/Ministère des Ressources naturelles et de la Faune du Québec/Université Laval, Québec, Que. ①
- Thomson, A.J.; Cocksedge, W. 2006. Salal (*Gaultheria shallon*) harvest: a plant architecture model. *Comput. Electron. Agric.* 54(2):84–92. ⑤
- White, J.C.; Wulder, M.A.; Grills, D. 2006. Detecting and mapping mountain pine beetle red-attack damage with SPOT-5 10-m multispectral imagery. *B.C. J. Ecosyst. Manag.* 7(2):105–118. ⑤
- Wulder, M.A.; Dymond, C.C.; White, J.C.; Leckie, D.G.; Carroll, A.L. 2005. Surveying mountain pine beetle damage of forests: a review of remote sensing opportunities. *For. Ecol. Manag.* 221:27–41. ⑤

Wulder, M.A.; Franklin, S.E. 2006. Conclusion: understanding forest disturbance and spatial pattern, information needs, and new approaches. Pages 233–242 in M.A. Wulder and S.E. Franklin, editors. *Understanding forest disturbance and spatial pattern: remote sensing and GIS approaches*. CRC Press, Taylor & Francis, Boca Raton, Fla. 246 p. ⑤

Wulder, M.A.; Franklin, S.E.; White, J.C.; Linke, J.; Magnussen, S. 2006. An accuracy assessment framework for large-area land cover classification products derived from medium-resolution satellite data. *Int. J. Remote Sens.* 27(4):663–683. ⑤

Wulder, M.A.; Skakun, R.S.; Dymond, C.C.; Kurz, W.A.; White, J.C. 2005. Characterization of the diminishing accuracy in

detecting forest insect damage over time. *Can. J. Remote Sens.* 31:421–431. ⑤

Wulder, M.A.; White, J.C.; Luther, J.E.; Strickland, G.; Rummel, T.K.; Mitchell, S.W. 2006. Use of vector polygons for the accuracy assessment of pixel-based land cover maps. *Can. J. Remote Sens.* 32(3):268–279. ⑤

Zhao, G.; Shao, G.; Reynolds, K.M.; Wimberly, M.C.; Warner, T.; Moser, K.W.; Rennolls, K.; Magnussen, S.; Köhl, M.; Anderson, H.; Mendoza, G.A.; Dai, L.; Huth, A.; Zhang, L.; Brey, J.; Sun, Y.; Ye, R.; Martin, B.A.; Li, F. 2005. Digital forestry: a white paper. *J. For.* 103(1):47–50(4). ⑤

Impacts of Forestry Practices

Birds as indicators of change in the forest. 2006. Holmes, S.B. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Frontline Express Note 36. 2 p. [Français : voir *Les oiseaux*.] ③

Les oiseaux : des indicateurs du changement dans la forêt. 2006. Holmes, S.B. NRCan, CFS, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). Nouvelles Express Note 36. 2 p. [English: see *Birds as indicators*.] ③

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Brissette, J.C.; Swift, D.E. 2006. Natural regeneration with shelterwood silviculture in the Acadian Forest Region. Page 134 in S.J. Colombo, compiler. *The thin green line: a symposium on the state-of-the-art in reforestation*. Ont. For. Res. Inst. For. Res. Inf. Pap. 160. ①

Cheatley, E.G.; Bourque, C.P.-A.; Meng, E.-R.; Journeay, W.C.; Swift, D.E. 2006. Regeneration response on different microsites following site preparation and direct aerial seeding in south-western Nova Scotia. Page 5 in *Proceedings of the Bowater Mersey Woodlands Forestry Research Seminar*; 22 March 2006, Brooklyn, N.S. Bowater Mersey Paper Co., N.S. ①

Cheatley, E.G.; Swift, D.E.; Bourque, C.P.-A.; Meng, E.-R.; Journeay, W.C. 2006. Regeneration microsite moisture relationships following site preparation and direct seeding in south-western Nova Scotia. Page 36 in G.R. Larocque, M. Fortin, and N. Thiffault, compilers. *Forest science across the borders. Proceedings of the Eastern CANUSA Forest Science Conference*; 19–21 Oct. 2006, Québec, Que. Conference handbook; 2nd

Incidences des pratiques forestières

ed. with popular abstracts. NRCan, CFS, Laurentian Forestry Centre/Ministère des Ressources naturelles et de la Faune du Québec/Université Laval, Québec, Que. ①

Mahendrapa, M.K.; Pitt, C.M.; Kingston, D.G.O.; Morehouse, T. 2006. Environmental impacts of harvesting white spruce on Prince Edward Island. *Biomass Bioenergy* 30:363–369. ①

Mosley, E.; Holmes, S.B.; Nol, E. 2006. Songbird diversity and movement in upland and riparian habitats in the boreal mixedwood forest of northeastern Ontario. *Can. J. For. Res.* 36: 1149–1164. ③

Strong, W.L.; Gates, C.C. 2006. Herbicide-induced changes to ungulate forage habitat in western Alberta, Canada. *For. Ecol. Manag.* 222(1):469–475. ④

Thompson, D.G.; Keith, R.; Solomon, K.R.; Wojtaszek, B.E.; Edginton, A.N.; Stephenson, G.R. 2006. The impact of insecticides and herbicides on the biodiversity and productivity of aquatic communities. *Ecol. Appl.* 16(5):2022–2027. (Letter to the editor). ③

Zhang, S.Y.; Chauret, G.; Swift, D.E.; Duchesne, I. 2006. Effects of precommercial thinning on tree growth and lumber quality in a jack pine stand in New Brunswick, Canada. *Can. J. For. Res.* 36:945–952. ①

Fertiliser les sols en ligniculture : bonne nouvelle pour l'épinette de Norvège. 2005. Paré, D. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts N° 24. [English: see *Fertilizing soils...*] ②

Fertilizing soils for intensive silviculture: good news for Norway spruce. 2005. Paré, D. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 24. 2 p. [Français : voir *Fertiliser les sols...*] ②

Long-term lodgepole pine silviculture trials in Alberta: history and current results. 2006. Stewart, J.D.; Jones, T.N.; Noble, R.C. NRCAN, CFS, Northern Forestry Centre, Edmonton, Alta. 202 p. ④

Outplanting performance of western redcedar, yellow-cedar and Douglas-fir in montane alternative silvicultural systems (MASS). 2006. Koppelaar, R.S.; Mitchell, A.K. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Tech. Transfer Note 34. 4 p. [Français : voir *Rendement des plantations...*] ⑤

Rendement des plantations de thuyas géants, de cyprès jaunes et de Douglas taxifoliés dans les systèmes sylvicoles de substitution en forêt montagnarde (MASS). 2006. Koppelaar, R.S.; Mitchell, A.K. RNCAN, SCF, Centre de foresterie du Pacifique, Victoria (Colombie-Britannique). Notes de transfert technologique 34. 4 p. [English: see *Outplanting performance...*] ⑤

Journal Articles and Other Contributions /

Articles de revues scientifiques et autres collaborations

Balandier, P.; Collet, C.; Miller, J.H.; Reynolds, P.E.; Zedaker, S.M. 2006. Designing forest vegetation management strategies based on the mechanisms and dynamics of crop tree competition by neighbouring vegetation. *Forestry* 79:3–27. ③

Bell, E.W.; Pitt, D.G.; Wester, M.C. 2006. Is intensive forest management a misnomer? An Ontario-based discussion of terminology and an alternative approach. *For. Chron.* 82:662–674. ③

Dampier, J.E.E.; Bell, E.W.; St-Amour, M.; Pitt, D.G.; Luckai, N.J. 2006. Cutting versus herbicides: tenth-year volume and release cost-effectiveness of sub-boreal conifer plantations. *For. Chron.* 82:521–528. ③

Heming, R.L.; Laporte, M.E.; Hogan, G.D.; Hazlett, P.W. 2006. Effects of harvesting and soil disturbance on soil CO₂ efflux from a jack pine forest. *Can. J. For. Res.* 36:589–600. ③

Heming, R.L.; Powers, R.F.; Foster, N.W.; Kranabetter, J.M.; Scott, D.A.; Ponder, E., Jr.; Berch, S.M.; Chapman, W.K.; Kabzems, R.D.; Ludovici, K.H.; Morris, D.M.; Page-Dumroese, D.S.;

Sanborn, P.T.; Sanchez, E.G.; Stone, D.M.; Tiarks, A.E. 2006. Effects of organic matter removal, soil compaction, and vegetation control on 5-year seedling performance: a regional comparison of Long-Term Soil Productivity sites. *Can. J. For. Res.* 36:529–550. ③

Greifenhagen, S.; Pitt, D.G.; Wester, M.C.; Wayne, F.W. 2005. Juvenile response to conifer release alternatives on aspen–white spruce boreal mixedwood sites. Part II: Quality of aspen regeneration. *For. Chron.* 81:548–558. ③

Groot, A. 2005. Biases in LI-COR Plant Canopy Analyzer estimates of seasonal light interception by black spruce and trembling aspen canopies. *Can. J. For. Res.* 35:2664–2670. ③

Mills, J.D. 2006. FERNs: The Forest Ecosystem Research Network of Sites. Pages 215–221 in L.C. Irland, A.E. Camp, J.C. Brissette, and Z.R. Donchew, editors. Long-term silvicultural and ecological studies: results for science and management. Yale University, School of Forestry and Environmental Studies, Global Institute of Sustainable Forestry, New Haven, Conn. GISF Res. Pap. 5. ⑤

Monteith, S.S.; Buttle, J.M.; Hazlett, P.W.; Beall, F.D.; Semkin, R.G.; Jeffries, D.S. 2006. Paired-basin comparison of hydrological response in harvested and undisturbed hardwood forests during snowmelt in central Ontario. I: Streamflow, groundwater and flowpath behaviour. *Hydrol. Process.* 20:1095–1116. ③

Monteith, S.S.; Buttle, J.M.; Hazlett, P.W.; Beall, F.D.; Semkin, R.G.; Jeffries, D.S. 2006. Paired-basin comparison of hydrologic response in harvested and undisturbed hardwood forests during snowmelt in central Ontario. II: Streamflow sources and groundwater residence times. *Hydrol. Process.* 20:1117–1136. ③

Morgenstern, E.K.; D'Eon, S.P.; Penner, M. 2006. White spruce growth to age 44 in a provenance test at the Petawawa Research Forest. *For. Chron.* 82:572–578. ③

Pedlar, J.H.; McKenney, D.W.; Fraleigh, S. 2006. Planting black walnut in southern Ontario: midrotation assessment of growth, yield, and silvicultural treatments. *Can. J. For. Res.* 36:495–504. ③

Pitt, D.G.; Bell, E.W. 2005. Juvenile response to conifer release alternatives on aspen–white spruce boreal mixedwood sites. Part I: Stand structure and composition. *For. Chron.* 81:538–547. ③

Pitt, D.G.; Meyer, T.; Park, M.; MacDondald, L.; Buscarini, T.; Thompson, D.G. 2006. Application of slow-release tablets to enhance white pine regeneration: growth response and efficacy against white pine blister rust. *Can. J. For. Res.* 36(3):684–698. ③

Pouliot, D.A.; King, D.J.; Pitt, D.G. 2005. Development and evaluation of an automated tree detection–delineation algorithm for monitoring regenerating coniferous forests. *Can. J. For. Res.* 35:2332–2345. ③

Pouliot, D.A.; King, D.J.; Pitt, D.G. 2006. Automated assessment of hardwood and shrub competition in regenerating forests using leaf-off airborne imagery. *Remote Sens. Environ.* 102:223–236. ③

Shamoun, S.F. 2006. Implementation of weed biocontrol in forest vegetation management for conifer production. Pages 475–506 in H.P. Singh, D.R. Batish, and R.K. Kohli, editors, *Handbook of sustainable weed management*. Haworth Press, Binghamton, N.Y. ⑤

Teitelbaum, S.; Beckley, T.; Nadeau, S. 2006. A national portrait of community forestry on public land in Canada. *For. Chron.* 82:416–428. ①

Thompson, I.D.; Ortiz, D.A.; Jastrebski, C.; Corbett, D. 2006. Field Note: A comparison of prism plots and modified point-distance sampling to calculate tree stem density and basal area. *Northern J. Appl. For.* 23:218–221. ③

Titus, B.D.; Prescott, C.E.; Maynard, D.G.; Mitchell, A.K.; Bradley, R.L.; Feller, M.C.; Beese, W.J.; Seely, B.; Benton, R.A.; Senyk, J.P.; Hawkins, B.J.; Koppenaal, R.S. 2006. Post-harvest nitrogen cycling in clearcut and alternative silvicultural systems in a montane forest in coastal British Columbia. *For. Chron.* 62(6):844–859. ⑤

Varghese, J.; Krogman, N.T.; Beckley, T.M.; Nadeau, S. 2006. Critical analysis of the relationship between local ownership and community resiliency. *Rural Sociol.* 71:505–527. ②

Socioeconomics and Statistics

Abbrégé de statistiques forestières canadiennes, 2006. [En ligne seulement]. Mise à jour annuelle. Données complètes pour 2004 et données partielles pour 2005. Conseil canadien des ministres des forêts, Ottawa. [http://pndp.ccmf.org] [English: see *Compendium of Canadian...*]

Annual economic review and outlook for the Canadian forest sector: 2005–2006. [Online only]. 2005. NRCan, CFS, HQ, Policy, Economics, and Industry Branch, Ottawa. 41 p. [http://bookstore.cfs.nrcan.gc.ca] [Français : voir *Examen annuel (...)* 2005–2006.]

Annual economic review and outlook for the Canadian forest sector: 2006–2007. [Online only]. 2006. NRCan, CFS, HQ, Policy, Economics, and Industry Branch, Ottawa. 19 p. [http://bookstore.cfs.nrcan.gc.ca] [Français : voir *Examen annuel (...)* 2006–2007.]

Bioenergy options for woody feedstock: are trees killed by mountain pine beetle in British Columbia a viable bioenergy resource? 2006. Stennes, B.; McBeath, A. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-405E. 29 p. ⑤

Bulletin Produits de bois canadien. [En ligne seulement]. Janvier–Février 2006. RNCan, SCE, Administration centrale, Direction de la politique, de l'économie et de l'industrie, Ottawa. e-Bulletin Produits de bois canadien 10. 3 p. [http://librairie.scf.mcan.gc.ca] [English: see *Canada Wood...* January–February 2006.]

Bulletin Produits de bois canadien. [En ligne seulement]. Juillet–Septembre 2006. RNCan, SCE, Administration centrale, Direction

Socio-économie et statistique

de la politique, de l'économie et de l'industrie, Ottawa. e-Bulletin Produits de bois canadien 11. 4 p. [http://librairie.scf.mcan.gc.ca] [English: see *Canada Wood...* July–September 2006.]

Canada Wood Bulletin. [Online only]. January–February 2006. NRCan, CFS, HQ, Policy, Economics, International and Industry Branch, Ottawa. Canada Wood e-Bulletin 10. 3 p. [http://bookstore.cfs.nrcan.gc.ca] [Français : voir *Bulletin...* Janvier–Février 2006.]

Canada Wood Bulletin. [Online only]. July–September 2006. NRCan, CFS, HQ, Policy, Economics, International and Industry Branch, Ottawa. Canada Wood e-Bulletin 11. 4 p. [http://bookstore.cfs.nrcan.gc.ca] [Français : voir *Bulletin...* Juillet–Septembre 2006.]

Compendium of Canadian Forestry Statistics, 2006. [Online only]. Annual update. Complete data for 2004 and partial data for 2005. Canadian Council of Forest Ministers, Ottawa. [http://infdp.ccmf.org] [Français : voir *Abbrégé de statistiques...*]

Estimated production, consumption and surplus mill wood residues in Canada, 2004. [Online only]. 2006. NRCan, CFS, HQ/the Forest Products Association of Canada, Ottawa. 60 p. [http://bookstore.cfs.nrcan.gc.ca] [Français : voir *Estimation de la...*]

Estimation de la production, de la consommation et des surplus de résidus de bois d'usines au Canada en 2004. [En ligne seulement]. 2006. RNCan, SCE, Administration centrale,

et l'Association des produits forestiers du Canada, Ottawa. 64 p. [http://librairie.scf.mcan.gc.ca] [English : see *Estimated production...*]

Examen annuel et perspective économiques de l'industrie forestière canadienne : 2005–2006. [En ligne seulement]. 2005. RNCan, SCF, Administration centrale, Direction de la politique, de l'économie et de l'industrie, Ottawa. 49 p. [http://librairie.scf.mcan.gc.ca] [English: see *Annual economic review...2005–2006*.]

Examen annuel et perspectives économiques de l'industrie forestière canadienne : 2006–2007. [En ligne seulement]. 2006. RNCan, SCF, Administration centrale, Direction de la politique, de l'économie et de l'industrie, Ottawa. 19 p. [http://librairie.scf.mcan.gc.ca] [English: see *Annual economic review...2006–2007*.]

Participation publique à la gestion forestière : résultats d'un sondage national auprès de comités consultatifs. [En ligne seulement]. 2006. Parkins, J.R.; Nadeau, S.; Hunt, L.M.; Sinclair, J.; Reed, M.G.; Wallace, S. RNCan, SCF, Centre de foresterie du Nord, Edmonton (Alberta). Rapport d'information NOR-X-409E. 74 p. [http://librairie.scf.mcan.gc.ca] [English: see *Public participation in...*]

Public participation in forest management: results from a national survey of advisory committees. [Online only]. 2006. Parkins, J.R.; Nadeau, S.; Hunt, L.M.; Sinclair, J.; Reed, M.G.; Wallace, S. RNCan, CFS, Northern Forestry Centre, Edmonton, Alta. Inf. Rep. NOR-X-409E. 74 p. [http://bookstore.cfs.nrcan.gc.ca] [Français : voir *Participation publique à...*]

Journal Articles and Other Contributions /

Articles de revues scientifiques et autres collaborations

McFarlane, B.L.; Hunt, L.M. 2006. Environmental activism in the forest sector: social psychological, social-cultural, and contextual effects. *Environ. Behav.* 38(2):266–285. ④

McFarlane, B.L.; Stumpf-Allen, R.C.G.; Watson, D.O. 2006. Public perceptions of natural disturbance in Canada's national parks: the case of the mountain pine beetle (*Dendroctonus ponderosae* Hopkins). *Biol. Conserv.* 30(3):340–348. ④

McKenney, D.W.; Yemshanov, D.; Fox, G.; Ramal, E. 2006. Using bioeconomic models to assess research priorities: a case

study on afforestation as a carbon sequestration tool. *Can. J. For. Res.* 36:886–900. ③

Mogus, A.; Stennes, B.; Van Kooten, G.C. 2006. Canada-US softwood lumber trade revisited: examining the role of substitution bias in the context of a spatial price equilibrium framework. *For. Sci.* 52(4):411–421. ⑤

Parkins, J.R. 2006. De-centering environmental governance: a short history and analysis of democratic processes in the forest sector of Alberta, Canada. *Policy Sci.* 39(2):183–203. ④

Parkins, J.R.; Stedman, R.C.; Patriquin, M.N.; Burns, M. 2006. Strong policies, poor outcomes: longitudinal analysis of forest sector contributions to Aboriginal communities in Canada. *J. Aborig. Econ. Develop.* 5(1):61–73. ③

Stennes, B.; Stonestreet, C.; Wilson, W.R.; Wang, S. 2006. e-Technology adoption by value added wood processors in British Columbia. *For. Prod. J.* 56(5):24–28. ⑤

Stennes, B.; Wilson, W.R.; White, W.A. 2006. Bioenergy options for trees killed by the mountain pine beetle in British Columbia. Pages 57–75 in V. Segon and J. Domac, editors. Socio-economic drivers in implementing bioenergy projects: local, regional, and cross-boundary partnerships in implementing bioenergy projects. Workshop Proceedings: 6–9 June 2005, Bežance, Croatia. IEA Bioenergy Task 29, Energy Institute "Hrvoje Pozar", Zagreb, Croatia. 174 p. ⑤

Wang, S.; Wilson, W.R.; Stennes, B. 2006. Silviculture contracting within sustainable forest management. *Can. Silv.* Winter: 11–14. ⑤

Wellstead, A.M.; Davidson, D.J.; Stedman, R.C. 2006. Assessing approaches to climate-change-related policy formulation in British Columbia's forest sector: the case of the mountain pine beetle epidemic. *B.C. J. Ecosyst. Manag.* 7(3):1–10. ④

Wintle, B.A.; Bekessy, S.A.; Venier, L.A.; Pearce, J.L.; Chisholm, R.A. 2005. Utility of dynamic-landscape metapopulation models for sustainable forest management. *Conserv. Biol.* 19:1930–1943. ③

Yemshanov, D.; McKenney, D.W.; Hatton, T.; Fox, G. 2005. Investment attractiveness of afforestation in Canada inclusive of carbon sequestration benefits. *Can. J. Agric. Econ.* 53:307. ②

Sustainable Forest Management

Aménagement durable des forêts

Canadian Model Forest Network achievements. 2006. RNCan, CFS, HQ, Canadian Model Forest Network, Ottawa. 28 p. [Français : voir *Les réalisations...*] ⑥

Critères et indicateurs de l'aménagement forestier durable au Canada. Bilan national 2005. 2006. Conseil canadien des ministres des forêts, Ottawa. 169 p. [English: see *Criteria and indicators...*] ⑥

Criteria and indicators of sustainable forest management in Canada. National status 2005. 2006. Canadian Council of Forest Ministers, Ottawa, 154 p. [Français : voir *Critères et indicateurs...*] ⑥

Innovations. Le bulletin du Réseau canadien de Forêts modèles. Juin 2006. RNCAN, SCF, Administration centrale, Secrétariat canadien des forêts modèles, Ottawa. Bulletin, 8 p. [English: see *Innovations. The Canadian...* June 2006.] ⑥

Innovations. Le bulletin du Réseau canadien de Forêts modèles. Septembre–Octobre 2006. RNCAN, SCF, Administration centrale, Secrétariat canadien des forêts modèles, Ottawa. Bulletin, 4 p. [English: see *Innovations. The Canadian...* September–October 2006.] ⑥

Innovations. The Canadian Model Forest Network Newsletter. June 2006. NRCAN, CFS, HQ, Canadian Model Forest Network Secretariat, Ottawa. Newsletter, 8 p. [Français : voir *Innovations. Le bulletin...* Juin 2006.] ⑥

Innovations. The Canadian Model Forest Network Newsletter. September–October 2006. NRCAN, CFS, HQ, Canadian Model Forest Network Secretariat, Ottawa. Newsletter, 4 p. [Français : voir *Innovations. Le bulletin...* Septembre–Octobre 2006.] ⑥

Les réalisations du Réseau canadien de forêts modèles. 2006. RNCAN, SCF, Administration centrale, Secrétariat des forêts modèles, Ottawa, 28 p. [English: see *Canadian Model Forest...*] ⑥

Journal Articles and Other Contributions /

Articles de revues scientifiques et autres collaborations

Bélanger, N.; MacDonald, J.D.; Paré, D.; Thiffault, E.; Claveau, Y.; Hendershot, W.H. 2006. Determination of exchangeable hydrogen ions in Boreal Shield soils of Quebec. *Can. J. Soil Sci.* 86(3):513–521. ②

Belleau, A.; Brais, S.; Paré, D. 2006. Soil nutrient dynamics after harvesting and slash treatments in boreal aspen stands. *Soil Sci. Soc. Am. J.* 70:1189–1199. ②

Boucher, D.; Gauthier, S.; De Grandpré, L. 2006. Structural changes in coniferous stands along a chronosequence and a productivity gradient in the northeastern boreal forest of Quebec. *Écoscience* 13:172–180. ②

Brais, S.; Paré, D.; Liernan, C. 2006. Tree bole mineralization rates of four species of the Canadian eastern boreal forest: implications for nutrient dynamics following stand-replacing disturbances. *Can. J. For. Res.* 36:2331–2340. ②

Cline, R.C.; Ragus, J.; Hogan, G.D.; Maynard, D.G.; Foster, N.W.; Terry, T.A.; Heninger, R.L.; Campbell, R.G.; Carter, M.C. 2006. Policies and practices to sustain soil productivity:

perspectives from the public and private sectors. *Can. J. For. Res.* 36:615–625. ⑤

Emmett, B. 2006. Perspective on sustainable development and sustainability in the Canadian forest sector. *For. Chron.* 82(1): 40–43. [Français : voir Emmett (...) *Perspectives sur...*] ⑥

Emmett, B. 2006. Perspectives sur le développement durable et la viabilité du secteur forestier canadien. *For. Chron.* 82(1):44–47. [English: see Emmett... *Perspective on...*] ⑥

Fenton, N.; Légaré, S.; Bergeron, Y.; Paré, D. 2006. Soil oxygen within boreal forests across an age gradient. *Can. J. Soil. Sci.* 86:1–9. ②

Innerd, A.; Luckai, N.; Larocque, G.R.; Paré, D.; Boutin, R.; Archambault, L.; Groot, A. 2006. Simulating the carbon budget in the boreal forest of northwestern Ontario using the Canadian Carbon Budget Model (CBM-CFS3). Page 53 in G.R. Larocque, M. Fortin, and N. Thiffault, compilers. *Forest science across the borders. Proceedings of the Eastern CANUSA Forest Science Conference*; 19–21 Oct. 2006, Québec, Que. Conference handbook; 2nd ed. with popular abstracts. NRCAN, CFS, Laurentian Forestry Centre/Ministère des Ressources naturelles et de la Faune du Québec/Université Laval, Québec, Que. ②

Lacerte, V.; Larocque, G.R.; Woods, M.; Parton, W.J.; Penner, M. 2006. Calibration of the forest vegetation simulator (FVS) model for the main forest species of Ontario, Canada. *Ecol. Model.* 199:336–349. ②

Larocque, G.R.; Archambault, L.; Delisle, C. 2006. Modelling forest succession in two southeastern Canadian mixedwood ecosystem types using the ZELIG model. *Ecol. Model.* 199: 350–362. ②

Larocque, G.R.; Archambault, L.; Delisle, C. 2006. Validating forest productivity model is an essential milestone of model development: a case study of the validation of ZELIG for balsam fir–red spruce–yellow birch and yellow birch–sugar maple–balsam fir mixedwood ecosystems in southern Quebec. Page 63 in G.R. Larocque, M. Fortin, et N. Thiffault, compateurs. *Les sciences forestières au-delà des frontières. Colloque Eastern CANUSA sur les sciences forestières*; 19–21 octobre 2006, Québec (Québec). Manuel de conférence; seconde édition avec résumés populaires. NRCAN, SCF, Centre de foresterie des Laurentides, Ministère des Ressources naturelles et de la Faune du Québec et Université Laval, Québec (Québec). ②

Larocque, G.R.; Boutin, R.; Paré, D.; Robitaille, G.; Lacerte, V. 2006. Assessing a new soil carbon model to simulate the effect of temperature increase on the soil carbon cycle in three eastern Canadian forest types characterized by different climatic conditions. *Can. J. Soil Sci.* 86:187–202. ②

Lavoie, M.; Paré, D.; Bergeron, Y. 2006. Unusual effect of controlling aboveground competition by *Ledum groenlandicum* on black spruce (*Picea mariana*) in boreal forested peatland. *Can. J. For. Res.* 36:2058–2062. ②

NRCan, CFS, HQ, Ottawa. 2006. Canadian Model Forest News. *For. Chron.* 82(1):20–25. ⑤

NRCan, CFS, HQ, Ottawa. 2006. Canadian Model Forest News. *For. Chron.* 82(2):142–150. ⑥

NRCan, CFS, HQ, Ottawa. 2006. Canadian Model Forest News. *For. Chron.* 82(5):643–652. ⑥

NRCan, CFS, HQ, Ottawa. 2006. Canadian Model Forest News. *For. Chron.* 82(6):793–798. ⑥

Paré, D.; Boutin, R.; Larocque, G.R.; Raulier, F. 2006. Effect of temperature on soil organic matter decomposition in three forest biomes of eastern Canada. *Can. J. Soil Sci.* 86:247–256. ②

Prasad, R.P. 2005. Current status and management option of exotic and invasive weeds of forestry in coastal British Columbia, Canada. *Outlooks Pest Manag.* 16(5):225–229. ⑤

Thiffault, E.; Paré, D.; Bélanger, N.; Munson, A.; Marquis, F. 2006. Harvesting intensity at clear-felling in the boreal forest: impact on soil and foliar nutrient status. *Soil Sci. Soc. Am. J.* 70:691–701. ②

Winder, R.S. 2006. Cultural studies of *Morchella elata*. *Mycol. Res.* 110:612–623. ⑤

Tree Diseases

L'encore des chênes rouges : vigilance! 2006. Rioux, D. RNCan, SCE, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts N° 25. 2 p. [English: see *Sudden oak death...*] ②

Sudden oak death: vigilance! 2006. Rioux, D. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 25. 2 p. [Français : voir *L'encore des chênes rouge...*] ②

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Feau, N.; Jacobi, V.; Hamelin, R.C.; Bernier, L. 2006. Screening of ESTs from *Septoria musiva* (teleomorph *Mycosphaerella populi*) for detection of SSR and PCR-RFLP markers. *Mol. Ecol. Notes* 6:356–358. ②

Hamelin, R.C.; Innes, L. 2006. Rouilles du peuplier dans les plantations et pépinières du Québec en 2004 et 2005. *Can. Plant Dis. Survey* 86:125–128. ②

Hausner, G.; Iranpour, M.; Kim, J.-J.; Breuil, C.; Davis, C.N.; Gibb, E.A.; Reid, J.; Loewen, P.C.; Hopkin, A.A. 2005. Fungi vectored by the introduced bark beetle *Tomicus piniperda* in Ontario, Canada, and comments on the taxonomy of *Leptographium humbergii*, *Leptographium terebrantis*, *Leptographium truncatum*, and *Leptographium wingfieldii*. *Can. J. Bot.* 83: 1222–1237. ③

Laflamme, G.; Rioux, D.; Simard, M.; Bussi res, G.; Mallett, K. 2006. Resistance of *Pinus contorta* to the European race of *Gremmeniella abietina*. *For. Pathol.* 36:83–96. ②

Maladies des arbres

Ouellette, G.B.; Chamberland, H. 2006. Tissue invasion and alteration in eggplant infected with *Verticillium dahliae*: a light and transmission electron microscopy study. *Phytoprotection* 87:29–42. ②

Ouellette, G.B.; Cherif, M.; Simard, M. 2006. Histopathology of *Fusarium* wilt of staghorn sumac (*Rhus typhina*) caused by *Fusarium oxysporum* f. sp. *callistephi* race 3. III: Host cell and tissue reactions. *Phytoprotection* 87:17–27. ②

Ouellette, G.B.; Cherif, M.; Simard, M.; Bernier, L. 2005. Histopathology of *Fusarium* wilt of staghorn sumac (*Rhus typhina*) caused by *Fusarium oxysporum* f. sp. *callistephi* race 3. I: Modes of tissue colonization and pathogen peculiarities. *Phytoprotection* 86:157–174. ②

Ouellette, G.B.; Rioux, D.; Simard, M. 2005. Histopathology of *Fusarium* wilt of staghorn sumac (*Rhus typhina*) caused by *Fusarium oxysporum* f. sp. *callistephi* race 3. II: Characteristics of opaque matter associated with extensive host cell and cell wall alterations. *Phytoprotection* 86:175–187. ②

Sokolski, S.; Pich , Y.; Chauver, E.; B r b , J.A. 2006. A fungal endophyte of black spruce (*Picea mariana*) needles is also an aquatic hyphomycete. *Mol. Ecol.* 15:1955–1962. ②

Sokolski, S.; Pich , Y.; Laitung, B.; B r b , J.A. 2006. Streams in Quebec boreal and mixed-wood forests reveal a new aquatic hyphomycete species, *Dwatyangam colodena* sp. nov. *Mycologia* 98:628–636. ②

Stefani, E.O.P.; B r b , J.A. 2006. Biodiversity of foliar fungal endophytes in white spruce (*Picea glauca*) from southern Quebec. *Can. J. Bot.* 84:777–790. ②

Stefani, F.O.P.; Bérubé, J.A. 2006. Evaluation of foliar fungal endophyte incidence in field-grown transgenic *Bt* white spruce trees. *Can. J. Bot.* 84:1573–1580. ②

Miscellaneous

Birdseye maple: a matter of hormones? 2006. Rioux, D. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 30. 2 p. [Français : voir *L'érable piqué ...*] ②

Canada's natural resources: connected to our people and our land. National Forest Week, September 24–30, 2006. 2006. NRCan, CFS, HQ, Ottawa. Poster. [Français : voir *Les ressources...Affiche.*] ⑥

L'érable piqué : une question d'hormone? 2006. Rioux, D. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts N° 30. 2 p. [English: see *Birdseye maple...*] ②

Des glaciers à la forêt : les conifères dévoilent leurs origines. 2006. Beaulieu, J. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts N° 27. 2 p. [English: see *Uncovering the postglacial history...*] ②

Les ressources naturelles du Canada: au coeur de nos gens et de notre pays. La Semaine nationale de l'arbre et des forêts, 24–30 septembre 2006. 2006. RNCan, SCF, Administration centrale, Ottawa. Affiche. [English: see *Canada's natural resources...Poster.*] ⑥

Training the next generation of aboriginal youth. 2006. Parsons, R.; Simpson, C.M. *For. Chron.* 82:306. ①

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Innes, I.T.; Green, C.; Thomson, A.J. 2005. Surprising futures. Pages 24–28 in L. Hetemaki and S. Nilsson, editors. Information technology and the forest sector. IUFRO (International Union of Forest Research Organizations), Vienna, Austria. IUFRO World Ser. Vol. 18. 235 p. ④

Thomson, A.J.; Colfer, C.J.P. 2005. ICT and social issues. Pages 172–196 in L. Hetemaki and S. Nilsson, editors. Information technology and the forest sector. IUFRO (International Union of Forest Research Organizations), Vienna, Austria. IUFRO World Ser. Vol. 18. 235 p. ⑤

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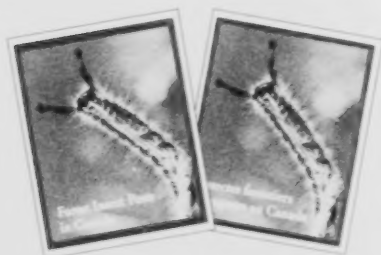
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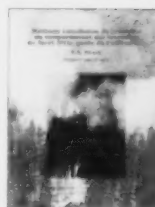
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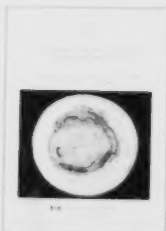
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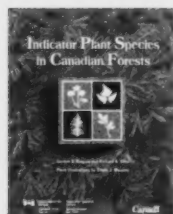
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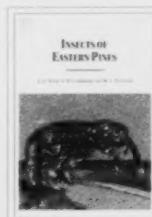
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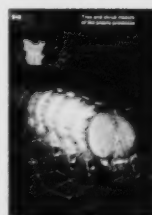
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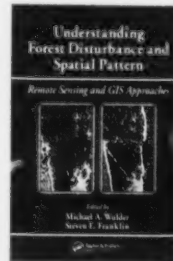
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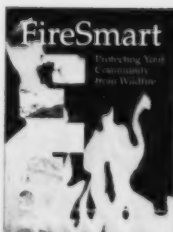
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